

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110060.D
 Acq On : 22 Oct 2018 20:20
 Operator : JU/SJ
 Sample : J5604-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-VB-25868-BOX-1

Manual Integrations
 APPROVED

Sohil
 10/23/2018 2:18:48 PM

Quant Time: Oct 23 04:27:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	186421	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	694321	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	269485	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	400931	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	302242	20.00	ng	-0.01
87) Perylene-d12	15.67	264	235265	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1063678	90.44	ng	0.00
7) Phenol-d6	6.59	99	1324651	90.71	ng	-0.01
23) Nitrobenzene-d5	7.53	82	703674	68.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	200552	85.96	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	921328	54.55	ng	-0.01
79) Terphenyl-d14	13.09	244	607840	42.23	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	120386	7.635	ng	# 65
20) 3+4-Methylphenols	7.36	107	42195	3.130	ng	# 74
50) Dimethylphthalate	9.72	163	166140	8.707	ng	99
75) Fluoranthene	12.72	202	59314m	2.861	ng	
78) Pyrene	12.95	202	81035	3.650	ng	# 83
88) Benzo(b)fluoranthene	15.22	252	37119m	2.737	ng	
90) Benzo(a)pyrene	15.60	252	30234	2.424	ng	# 84

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

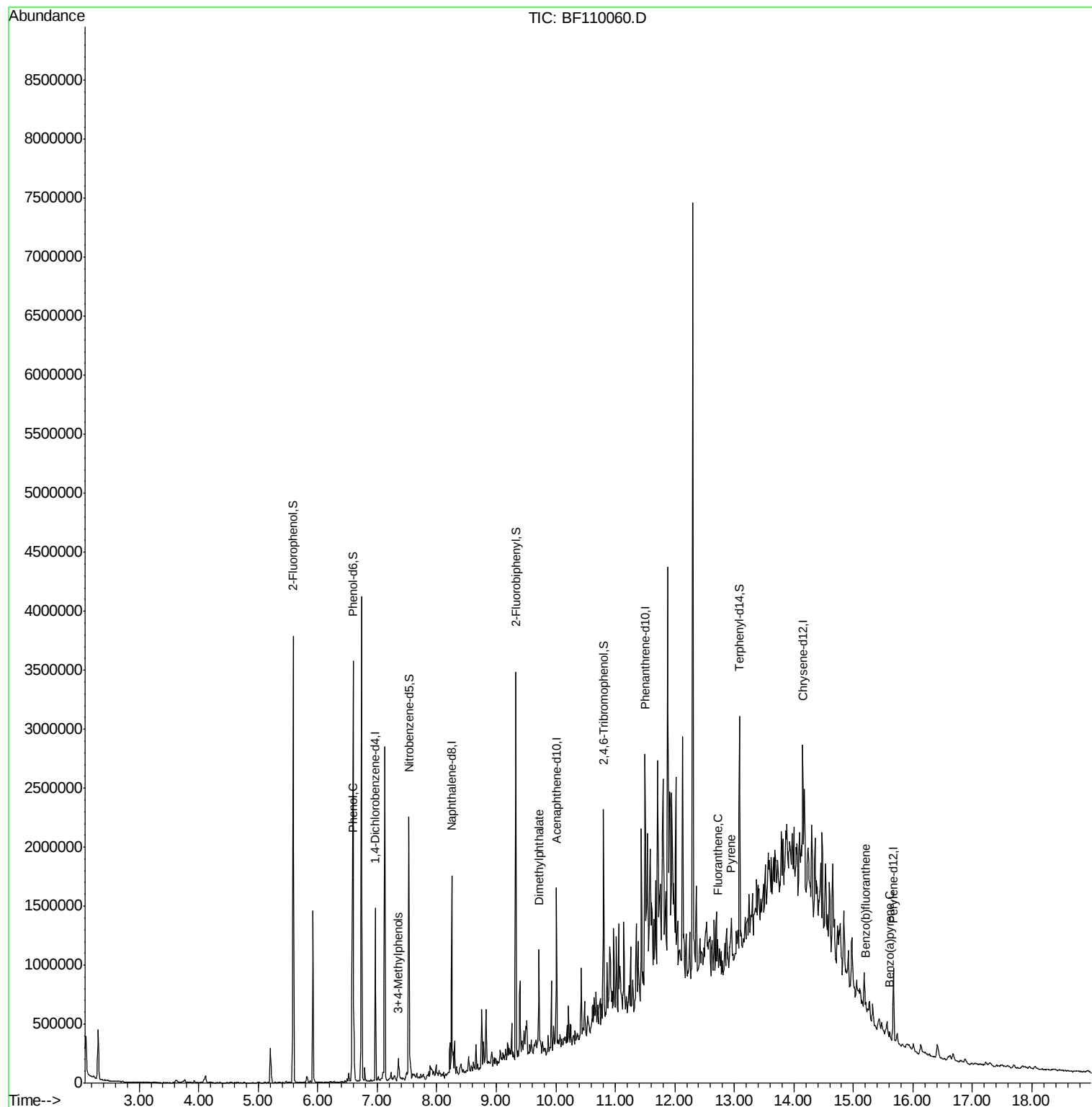
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110060.D
Acq On : 22 Oct 2018 20:20
Operator : JU/SJ
Sample : J5604-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

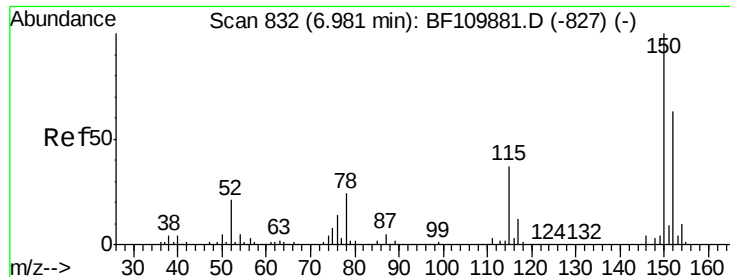
Instrument :
BNA_F
ClientSampleId :
MS-VB-25868-BOX-1

Manual Integrations
APPROVED

Sohil
10/23/2018 2:18:48 PM

Quant Time: Oct 23 04:27:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration





#1

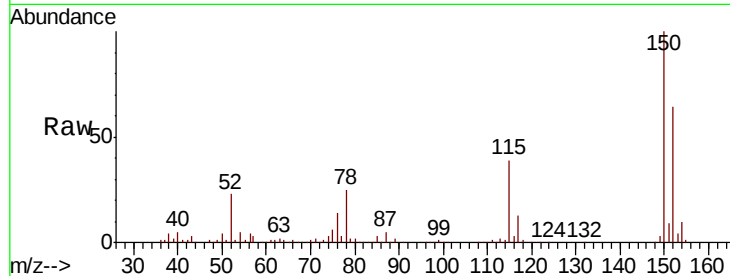
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Instrument :
BNA_F
ClientSampleId :
MS-VB-25868-BOX-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.7	184.1
115	61.2	49.1	73.7

Manual Integrations
APPROVED

Sohil
10/23/2018 2:18:48 PM

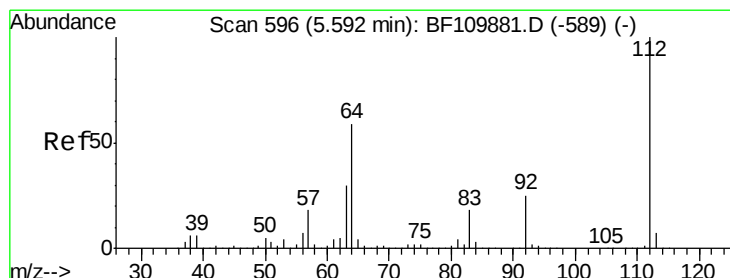
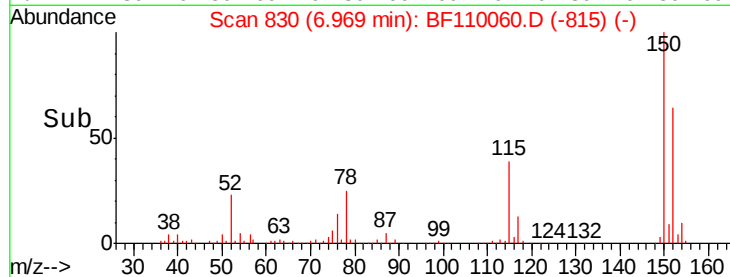
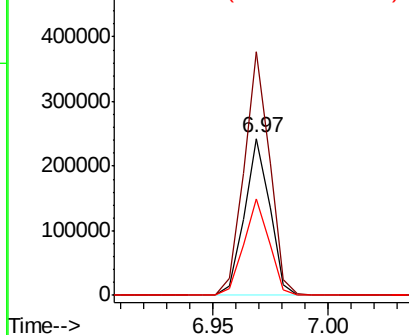


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

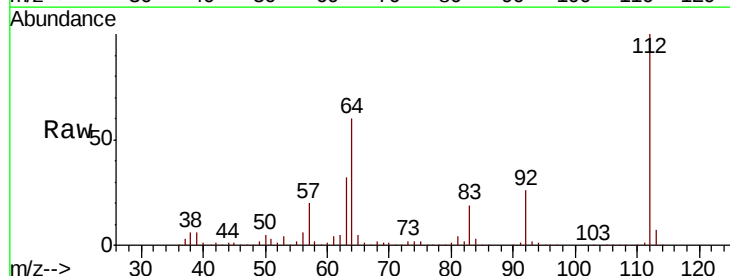
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.444 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	32.1	23.7	35.5

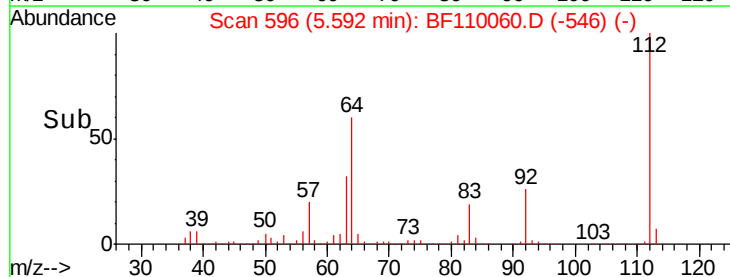
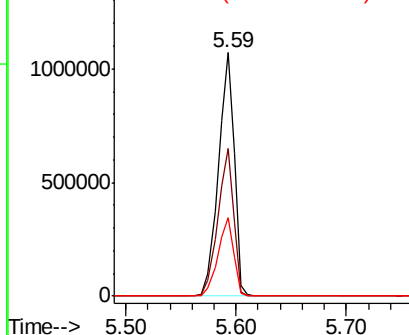


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 90.708 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110060.D

Acq: 22 Oct 2018 20:20

Instrument :

BNA_F

ClientSampleId :

MS-VB-25868-BOX-1

Tot Ion: 99 Resp: 1324651

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

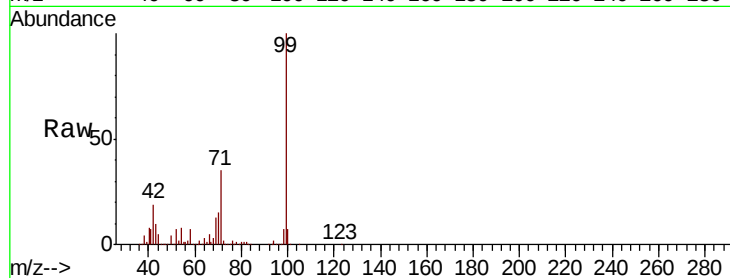
71 34.6 28.0 42.0

Manual Integrations

APPROVED

Sohil

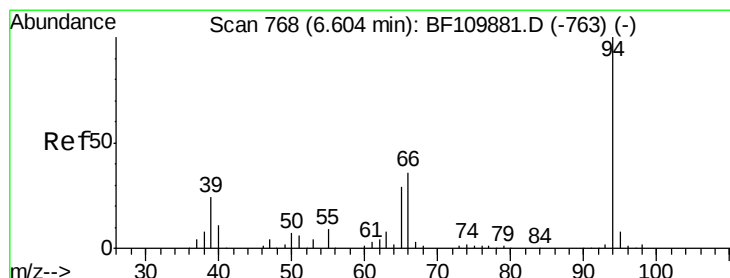
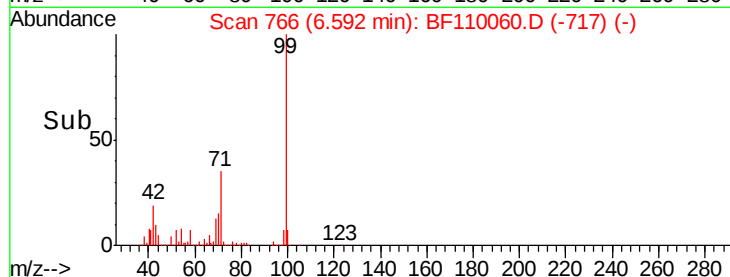
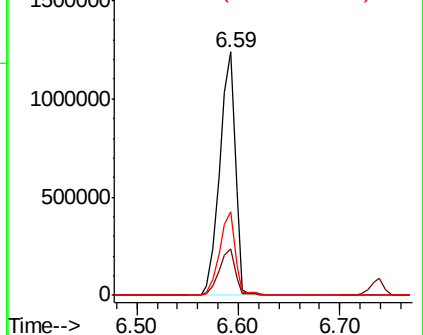
10/23/2018 2:18:48 PM



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: 7.635 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110060.D

Acq: 22 Oct 2018 20:20

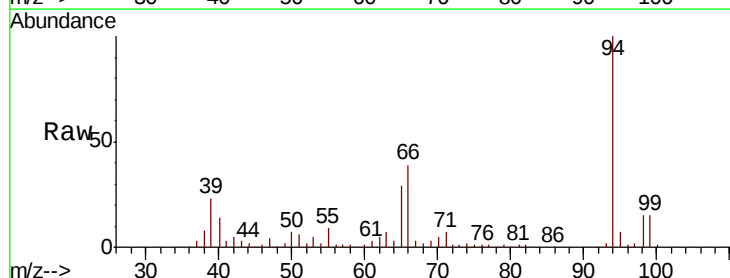
Tgt Ion: 94 Resp: 120386

Ion Ratio Lower Upper

94 100

65 29.2 25.3 65.3

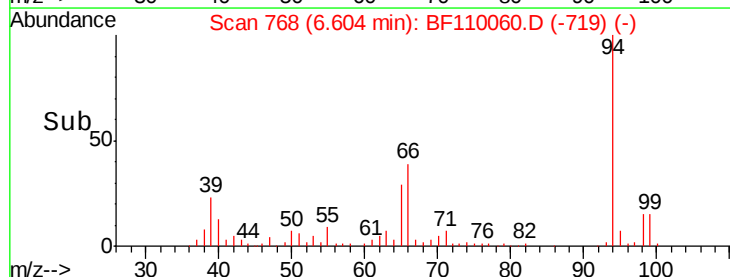
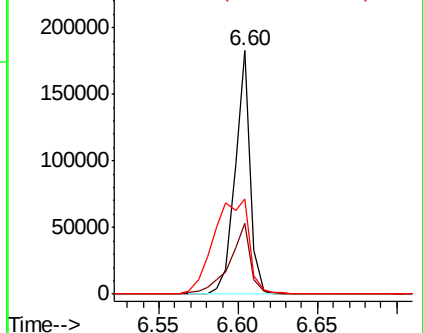
66 39.0 54.5 94.5#

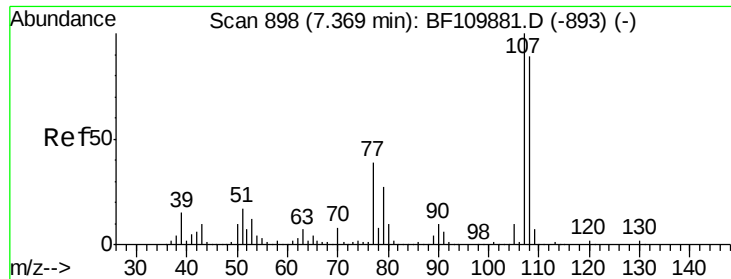


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#20

3+4-Methylphenols

Concen: 3.130 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF110060.D

Acq: 22 Oct 2018 20:20

Instrument :

BNA_F

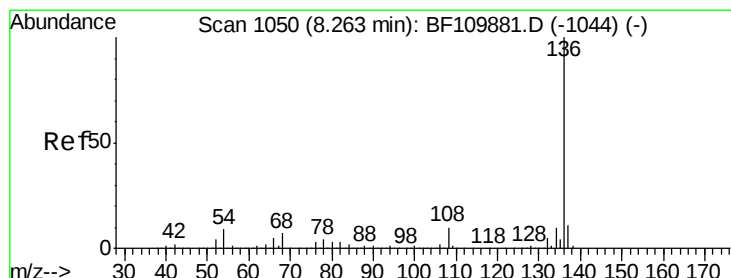
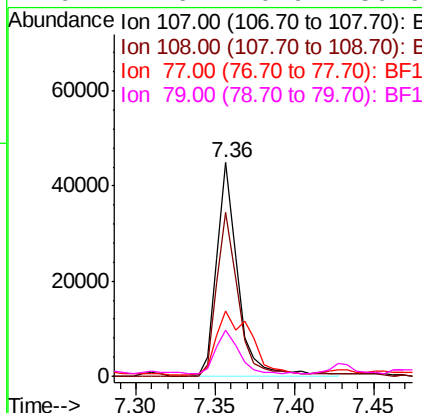
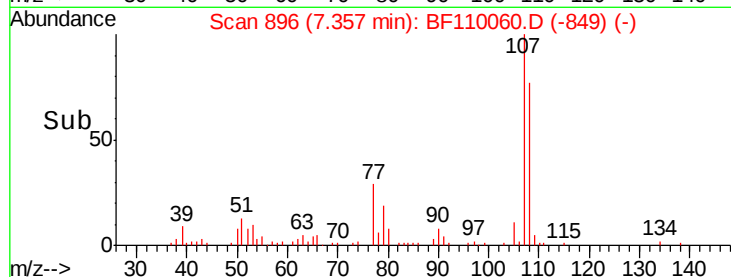
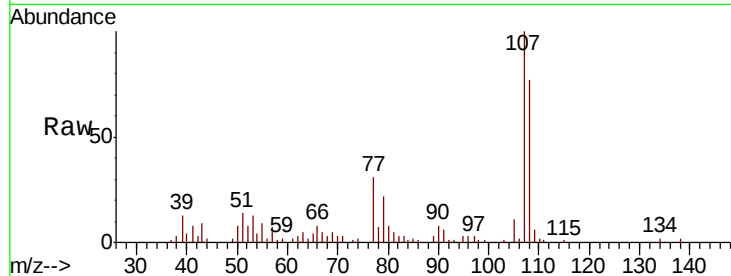
ClientSampleId :

MS-VB-25868-BOX-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		42195		
108	76.5	71.4	111.4		
77	30.7	47.3	87.3#		
79	21.6	10.9	50.9		

Manual Integrations
APPROVED

Sohil
10/23/2018 2:18:48 PM



#21

Naphthalene-d8

Concen: 20.000 ng

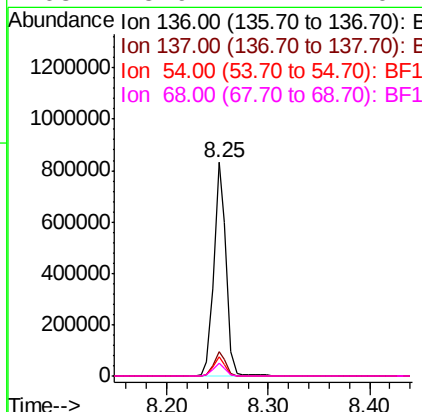
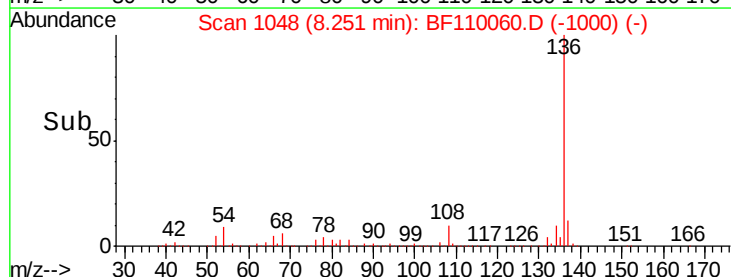
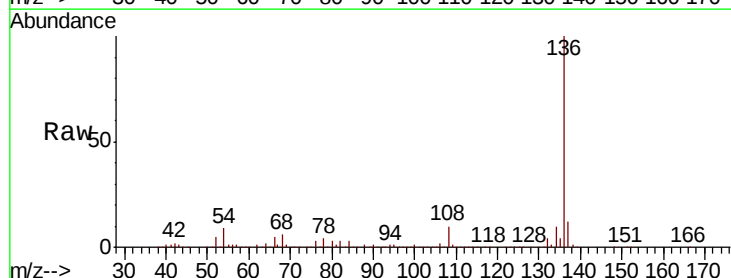
RT: 8.25 min Scan# 1048

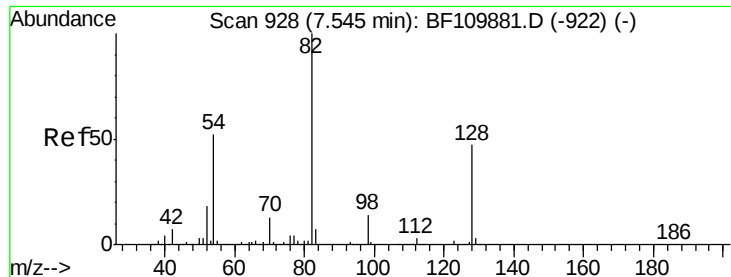
Delta R.T. -0.02 min

Lab File: BF110060.D

Acq: 22 Oct 2018 20:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		694321		
137	11.6	8.8	13.2		
54	8.7	5.4	8.2#		
68	5.9	4.2	6.2		





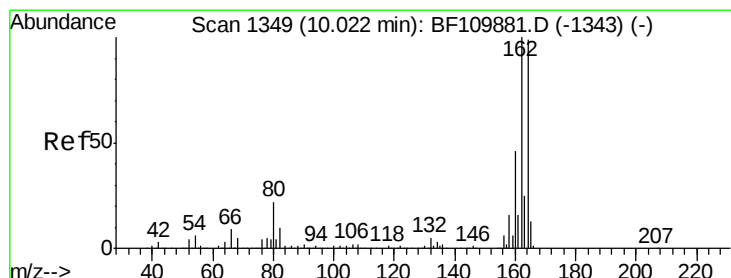
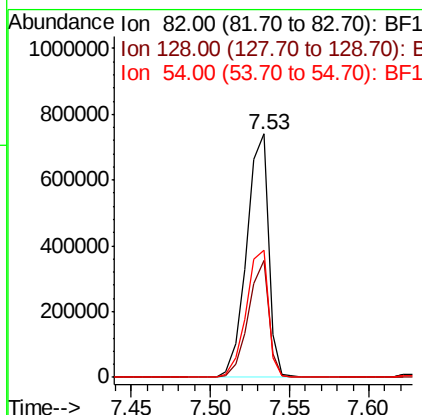
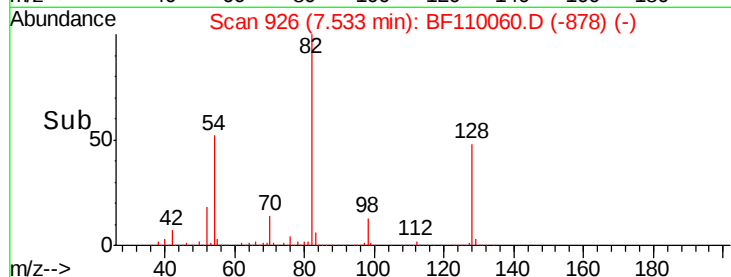
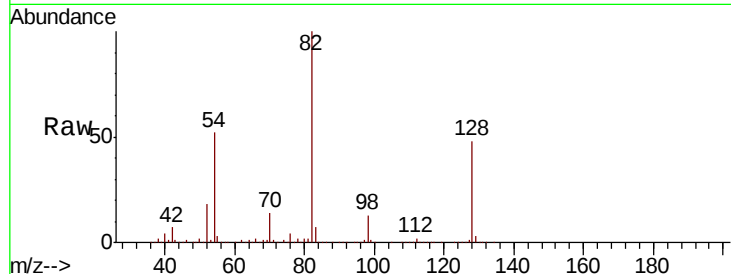
#23
 Nitrobenzene-d5
 Concen: 68.271 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110060.D
 Acq: 22 Oct 2018 20:20

Instrument :
 BNA_F
 ClientSampleId :
 MS-VB-25868-BOX-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.2	51.2
54	52.3	38.6	58.0

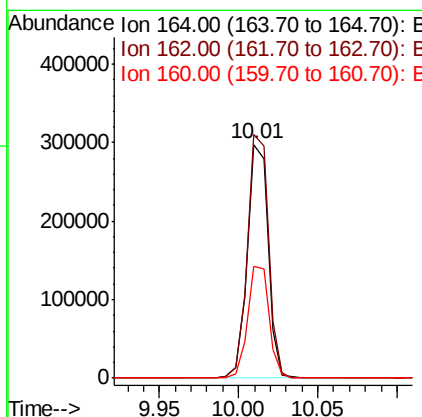
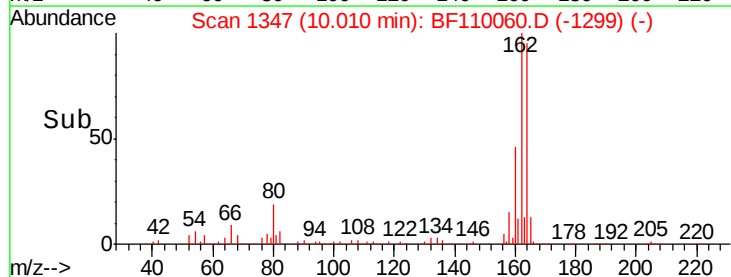
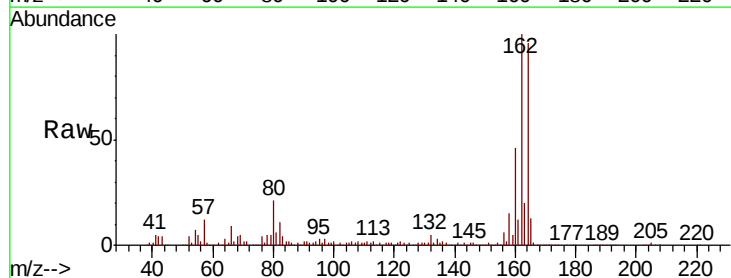
Manual Integrations
 APPROVED

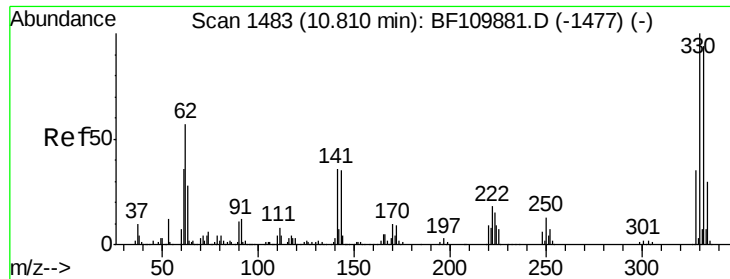
Sohil
 10/23/2018 2:18:48 PM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110060.D
 Acq: 22 Oct 2018 20:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.6
160	47.8	37.0	55.6





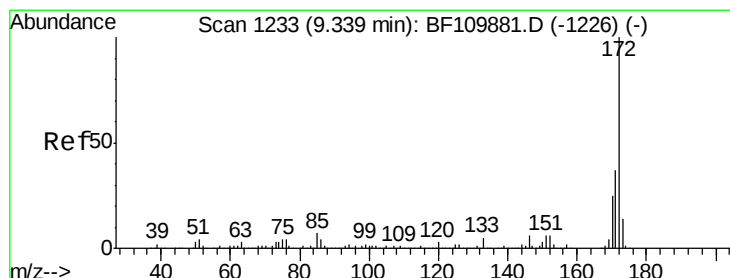
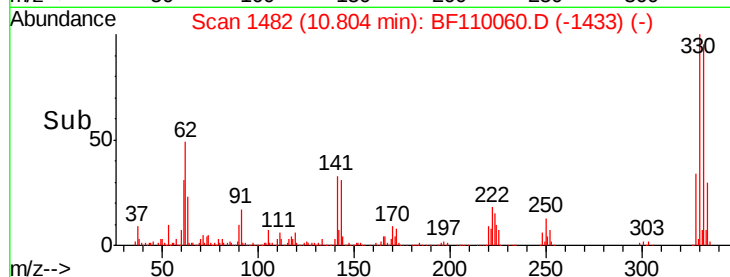
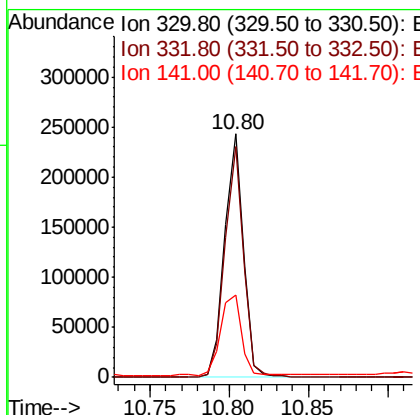
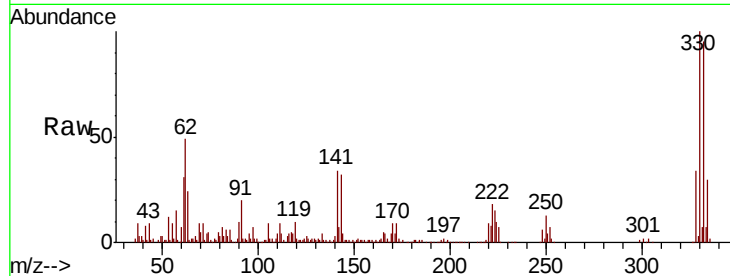
#42
 2,4,6-Tribromophenol
 Concen: 85.958 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110060.D
 Acq: 22 Oct 2018 20:20

Instrument :
 BNA_F
 ClientSampleId :
 MS-VB-25868-BOX-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	200552		
332	94.5	77.1	115.7	
141	37.0	27.0	40.4	

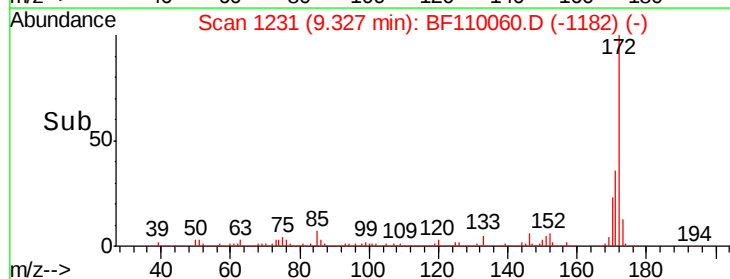
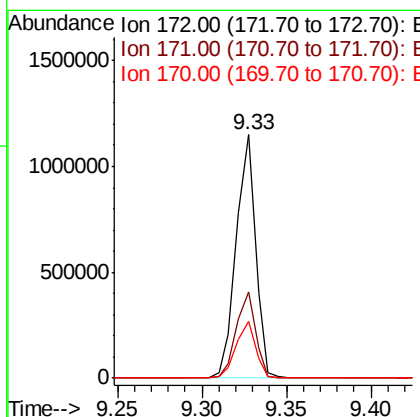
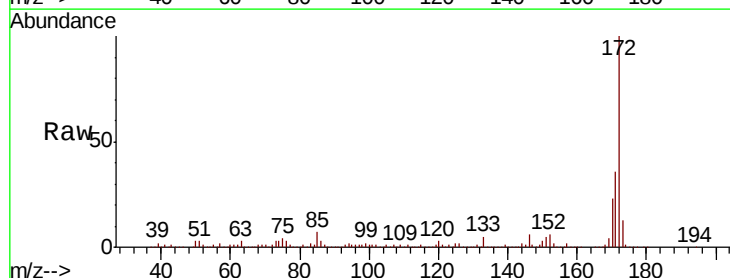
Manual Integrations
 APPROVED

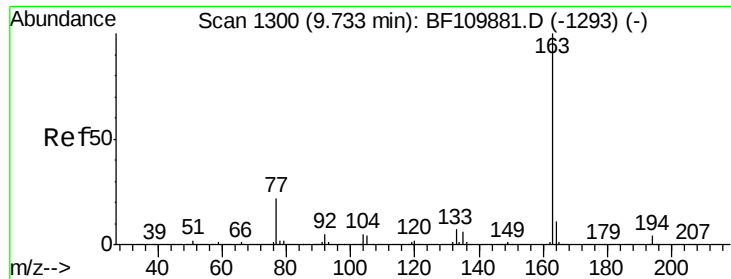
Sohil
 10/23/2018 2:18:48 PM



#45
 2-Fluorobiphenyl
 Concen: 54.553 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110060.D
 Acq: 22 Oct 2018 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	921328		
171	35.6	28.6	43.0	
170	23.5	19.7	29.5	





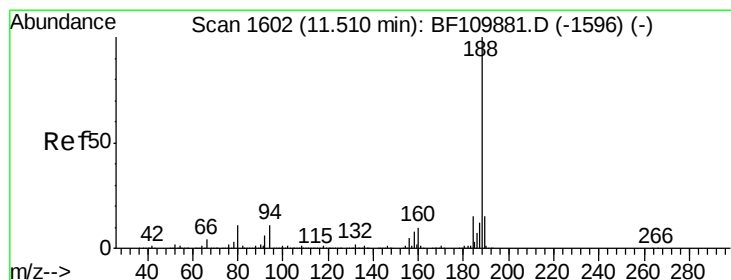
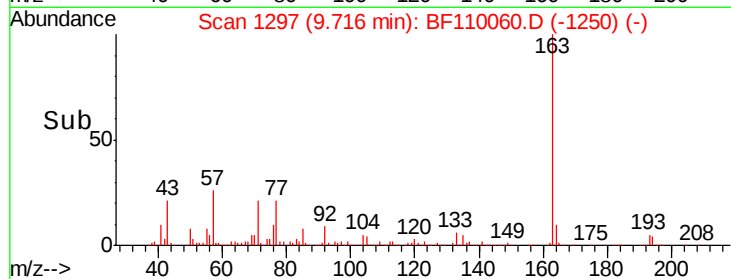
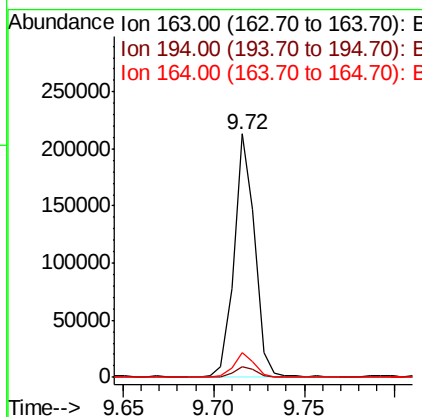
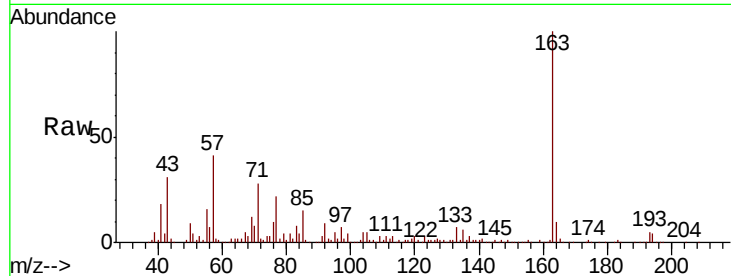
#50
Dimethylphthalate
Concen: 8.707 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Instrument :
BNA_F
ClientSampleId :
MS-VB-25868-BOX-1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	166140		
194	4.4	3.2	4.8	
164	10.2	8.1	12.1	

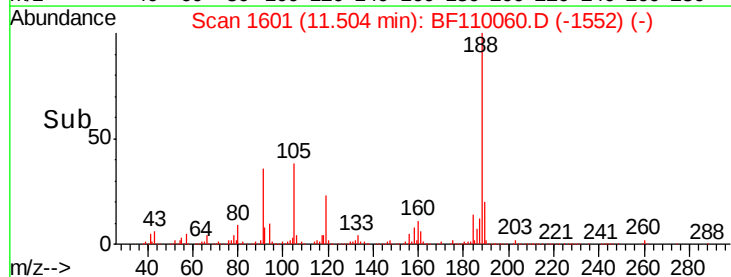
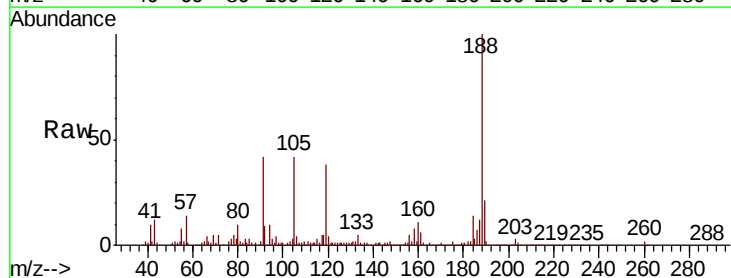
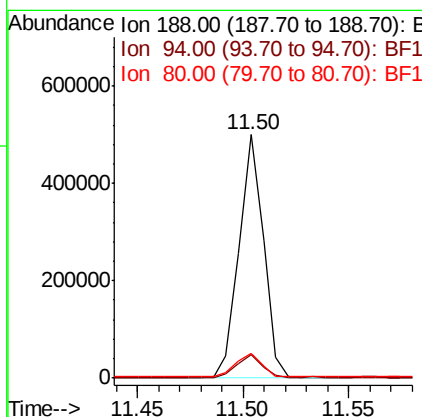
Manual Integrations
APPROVED

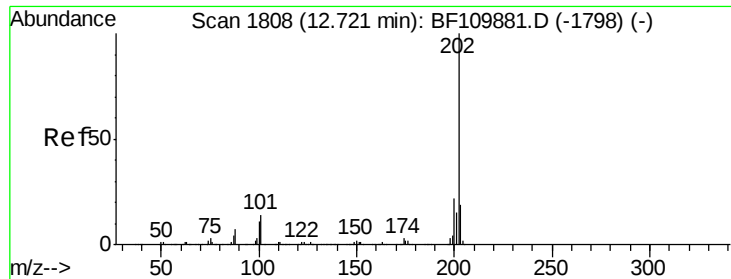
Sohil
10/23/2018 2:18:48 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	400931		
94	9.9	7.2	10.8	
80	10.1	7.9	11.9	





#75

Fluoranthene

Concen: 2.861 ng/mL

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110060.D

Acq: 22 Oct 2018 20:20

Instrument :

BNA_F

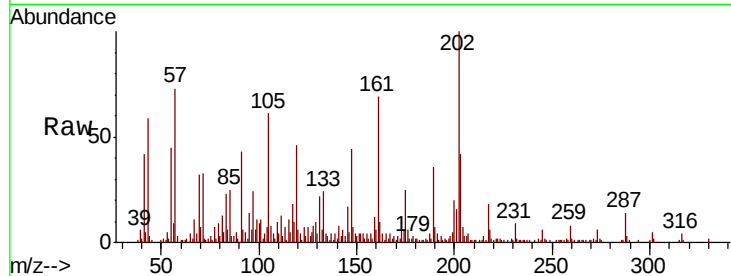
ClientSampleId :

MS-VB-25868-BOX-1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	59314		
101	11.4	0.0	31.4	
203	42.0	0.0	37.7	

Manual Integrations
APPROVED

Sohil
10/23/2018 2:18:48 PM

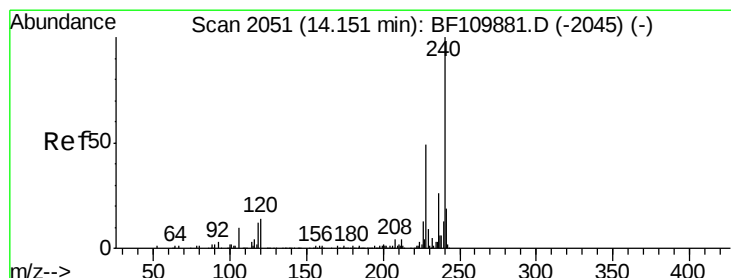
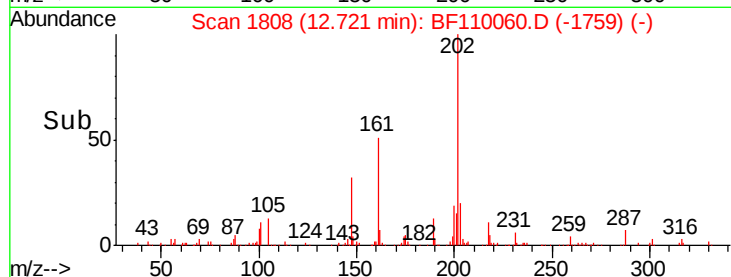
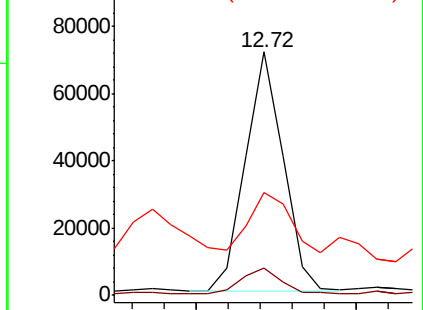


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng/mL

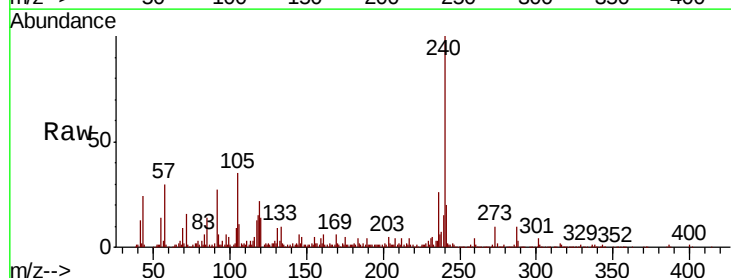
RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110060.D

Acq: 22 Oct 2018 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	302242		
120	13.9	8.3	12.5	
236	25.9	21.2	31.8	

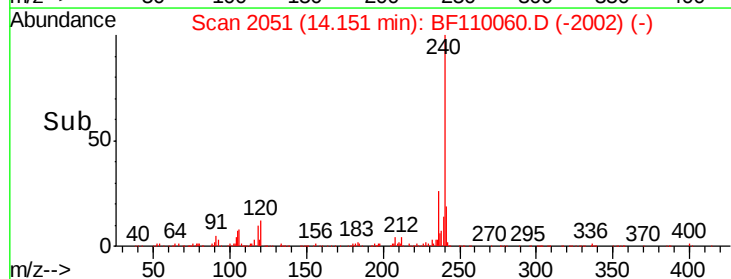
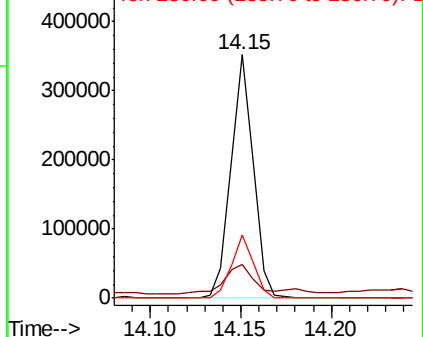


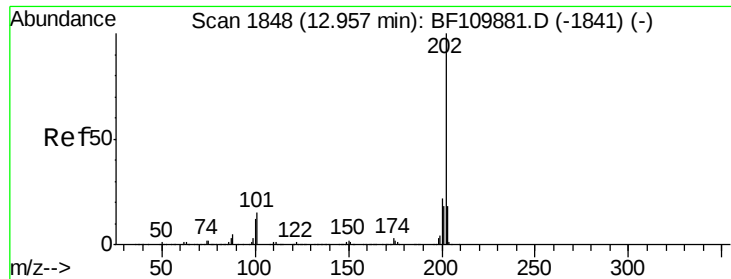
Abundance

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





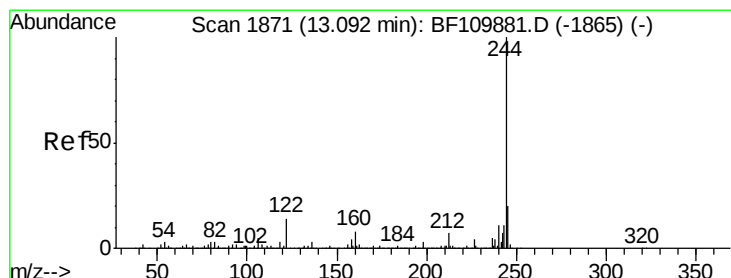
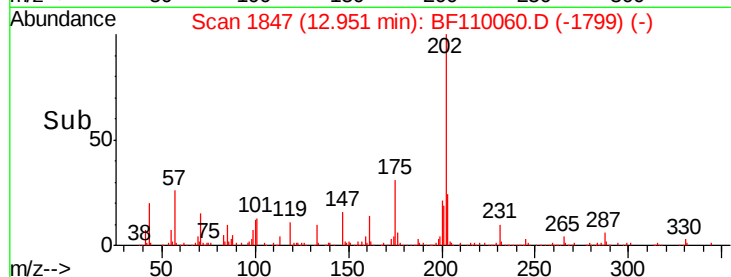
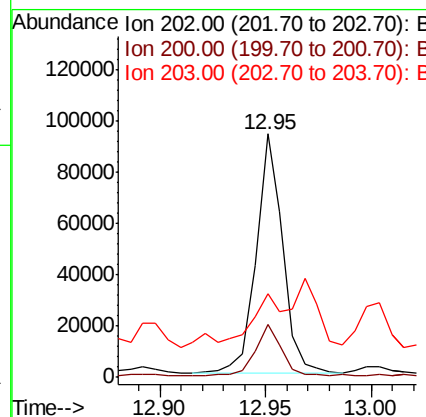
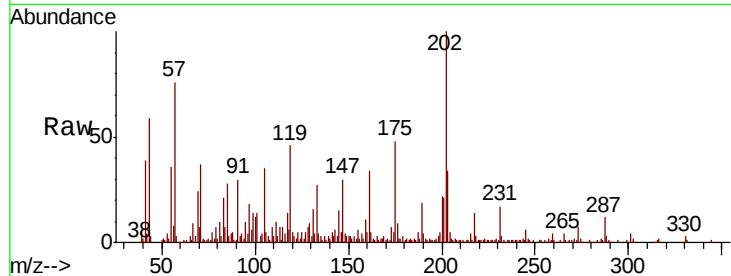
#78
Pvrene
Concen: 3.650 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Instrument :
BNA_F
ClientSampleId :
MS-VB-25868-BOX-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.6
203	34.1	14.2	21.4

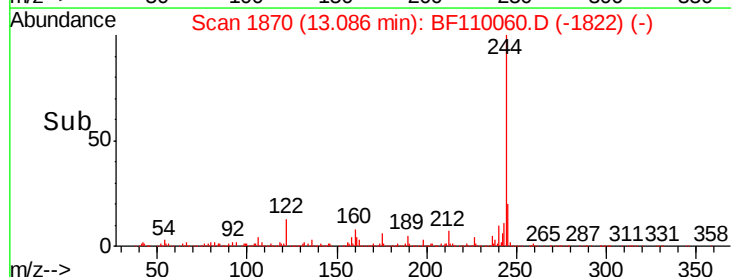
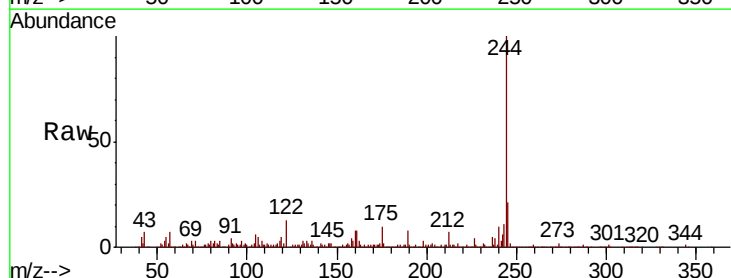
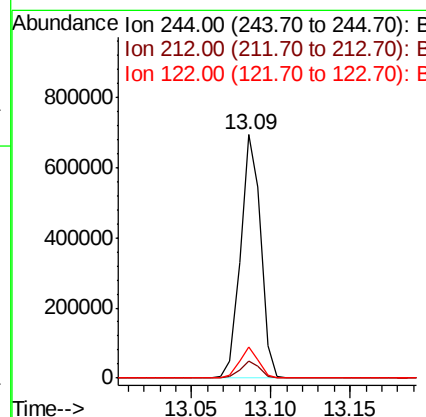
Manual Integrations
APPROVED

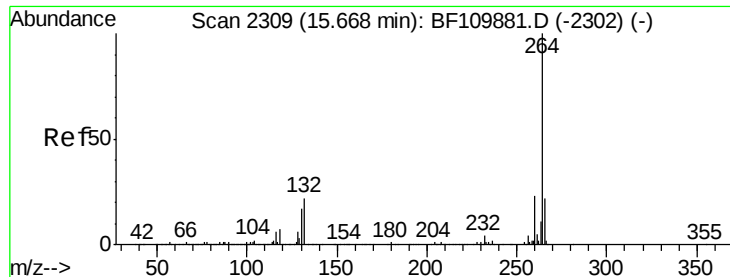
Sohil
10/23/2018 2:18:48 PM



#79
Terphenyl-d14
Concen: 42.232 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.8	8.7	13.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110060.D

Acq: 22 Oct 2018 20:20

Instrument :

BNA_F

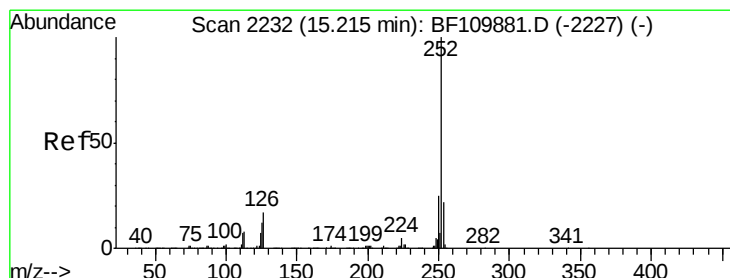
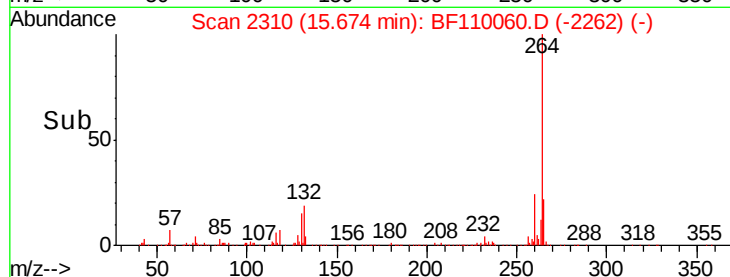
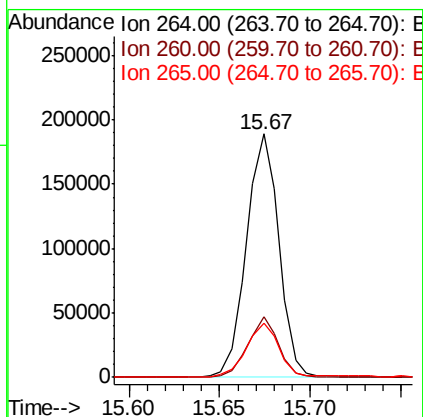
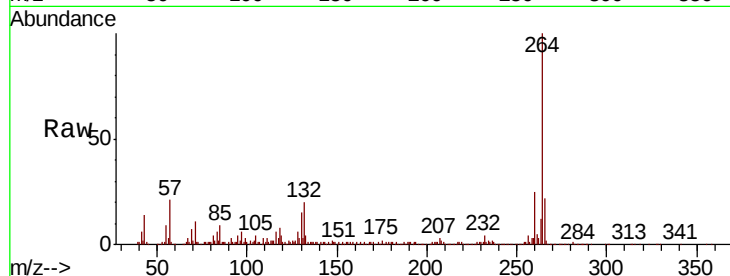
ClientSampleId :

MS-VB-25868-BOX-1

Tot Ion:	264	Resp:	235265
Ion Ratio		Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.0	16.7	25.1

Manual Integrations
APPROVED

Sohil
10/23/2018 2:18:48 PM



#88

Benzo(b)fluoranthene

Concen: 2.737 ng m

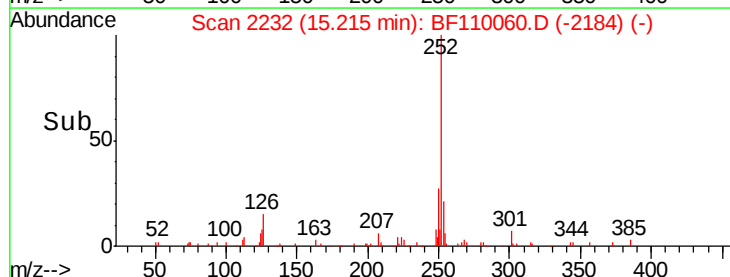
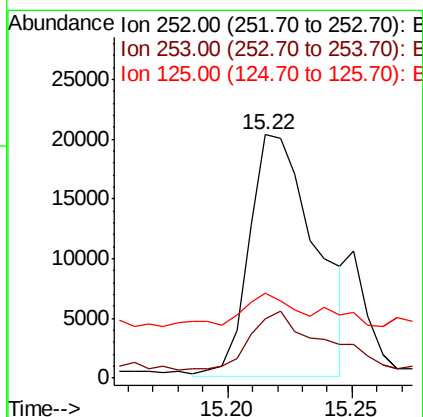
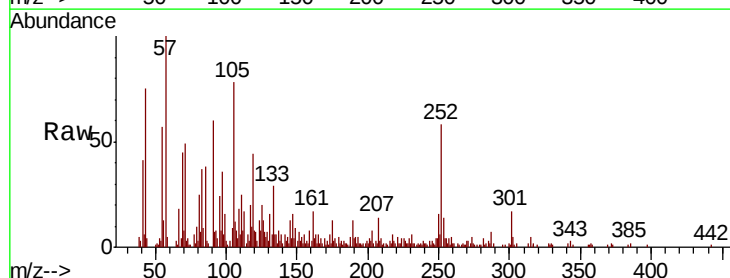
RT: 15.22 min Scan# 2232

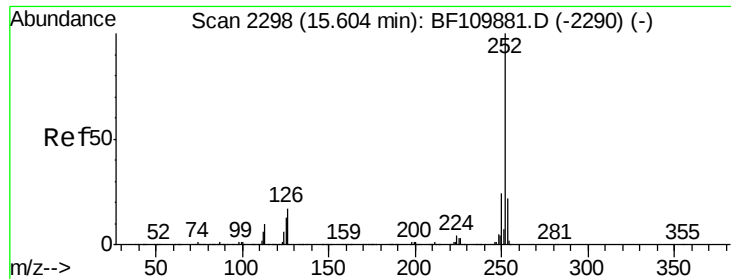
Delta R.T. -0.02 min

Lab File: BF110060.D

Acq: 22 Oct 2018 20:20

Tgt Ion:	252	Resp:	37119
Ion Ratio		Lower	Upper
252	100		
253	24.4	17.2	25.8
125	34.8	8.2	12.4#





#90
 Benzo(a)pyrene
 Concen: 2.424 ng
 RT: 15.60 min Scan# 2298
 Delta R.T. -0.02 min
 Lab File: BF110060.D
 Acq: 22 Oct 2018 20:20

Instrument :
 BNA_F
 ClientSampleId :
 MS-VB-25868-BOX-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.2	27.4
125	23.9	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 10/23/2018 2:18:48 PM

