

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098384.D
 Acq On : 9 Sep 2017 14:29
 Operator : SJ/JU
 Sample : I5178-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-3-5

Manual Integrations
 APPROVED

Sohil
 9/11/2017 2:42:41 PM

Quant Time: Sep 11 05:22:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	107359	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	422212	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	184976	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	311361	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	231851	20.00	ng	-0.04
86) Perylene-d12	15.23	264	229928	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	720115	102.03	ng	-0.01
7) Phenol-d6	6.33	99	994261	103.68	ng	-0.02
23) Nitrobenzene-d5	7.25	82	613275	78.91	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	174163	108.51	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	844808	67.10	ng	-0.04
78) Terphenyl-d14	12.77	244	588184	52.90	ng	-0.04
Target Compounds						
10) Phenol	6.34	94	76165	6.791	ng	99
49) Dimethylphthalate	9.43	163	63670	4.709	ng	99
74) Fluoranthene	12.40	202	49741	2.872	ng	99
77) Pyrene	12.62	202	44508	2.347	ng	98

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

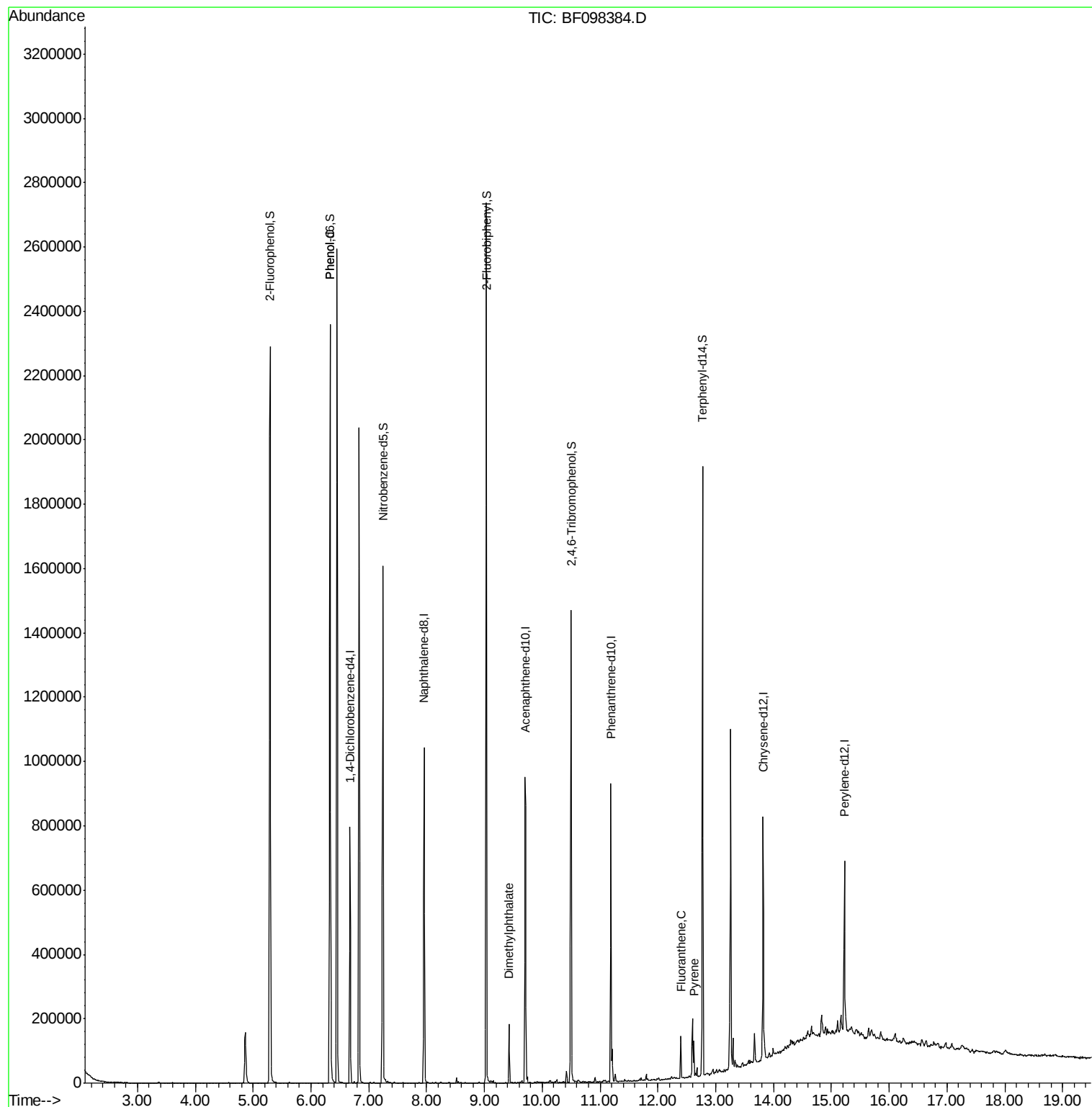
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098384.D
Acq On : 9 Sep 2017 14:29
Operator : SJ/JU
Sample : I5178-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

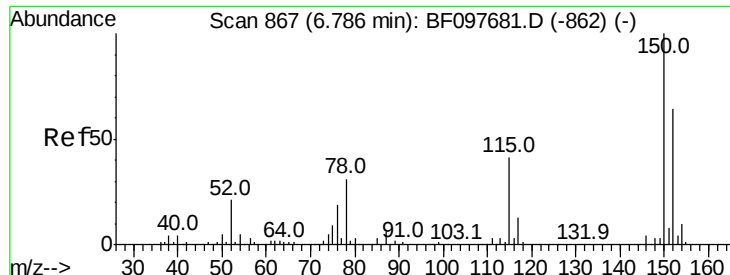
Instrument :
BNA_F
ClientSampleId :
TEC-COMP-3-5

Manual Integrations
APPROVED

Sohil
9/11/2017 2:42:41 PM

Quant Time: Sep 11 05:22:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration





#1

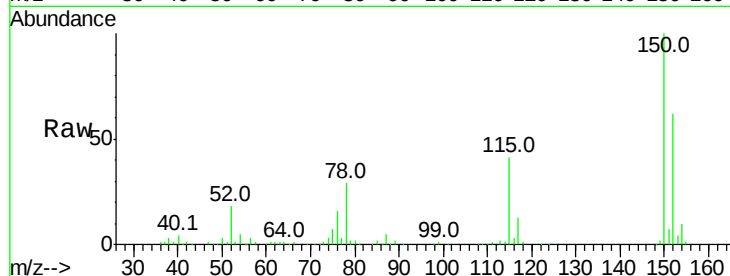
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098384.D
Acq: 9 Sep 2017 14:29

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-3-5

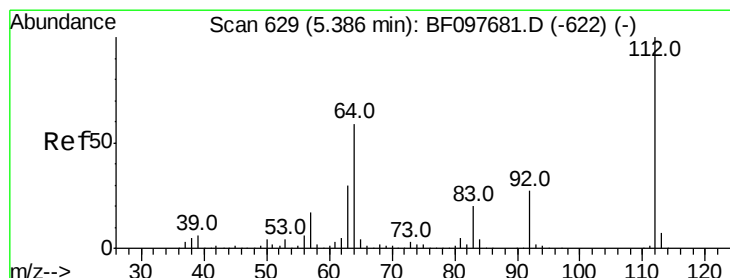
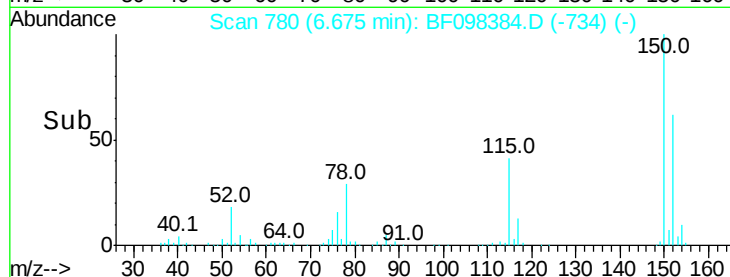
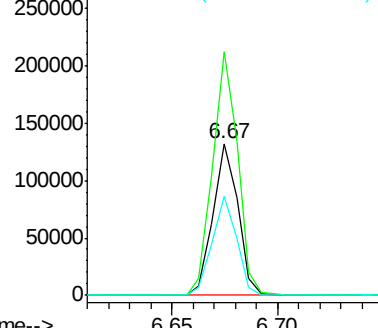
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.2	189.2
115	65.5	52.2	78.2

Manual Integrations
APPROVED

Sohil
9/11/2017 2:42:41 PM



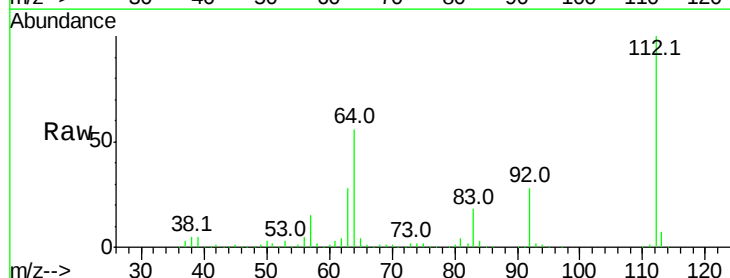
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



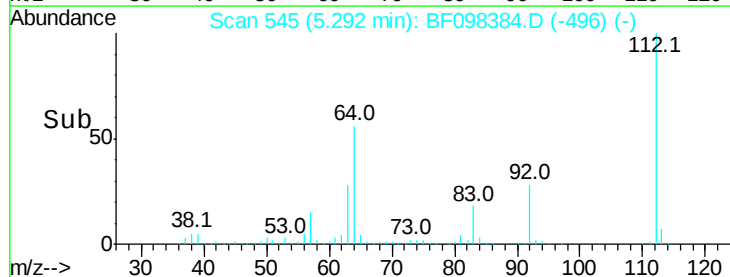
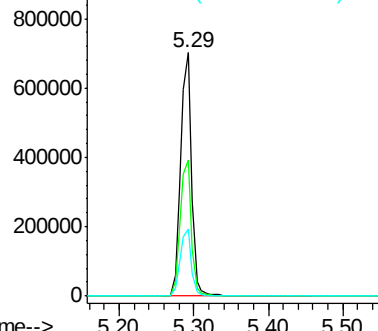
#5

2-Fluorophenol
Concen: 102.027 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098384.D
Acq: 9 Sep 2017 14:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.0	69.0
63	27.7	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.677 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098384.D

Acq: 9 Sep 2017 14:29

Instrument :

BNA_F

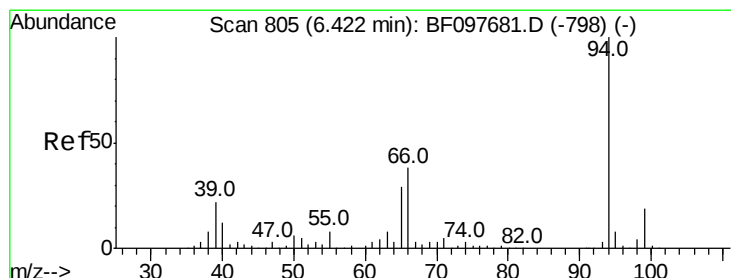
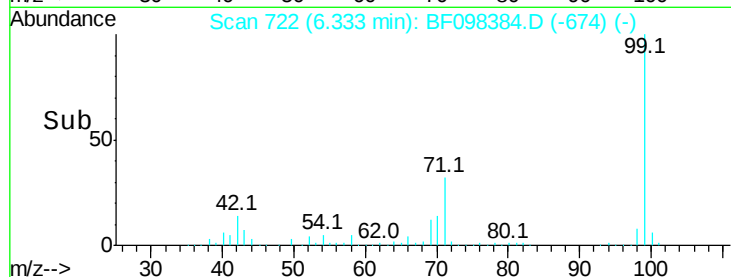
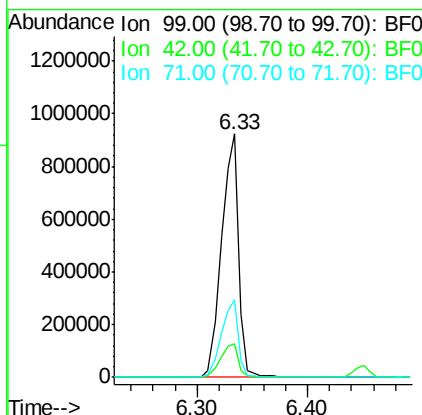
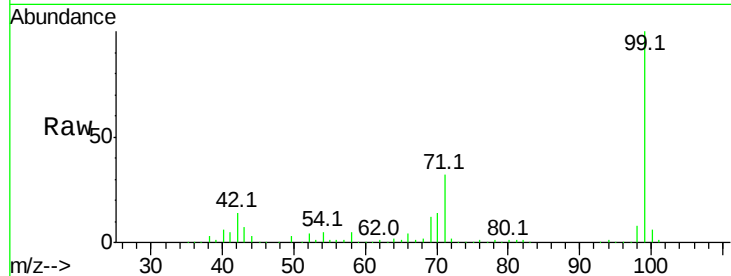
ClientSampleId :

TEC-COMP-3-5

Tot Ion:	99	Resp:	994261
Ion Ratio	Lower	Upper	
99	100		
42	13.8	13.5	20.3
71	31.7	24.5	36.7

Manual Integrations
APPROVED

Sohil
9/11/2017 2:42:41 PM



#10

Phenol

Concen: 6.791 ng

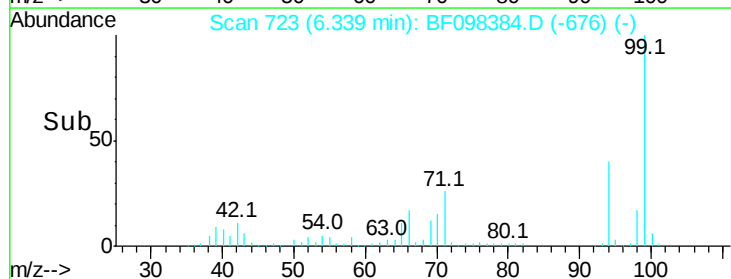
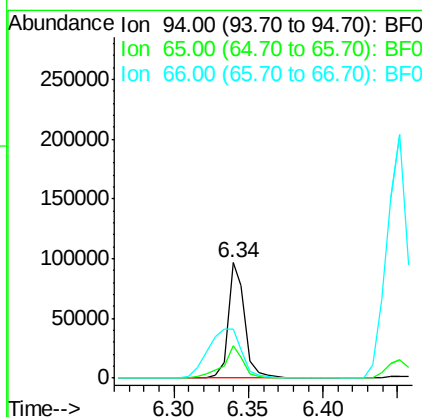
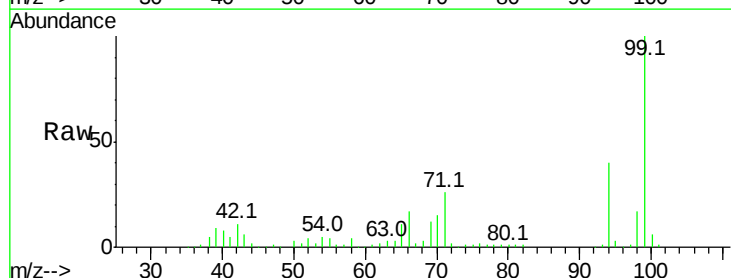
RT: 6.34 min Scan# 723

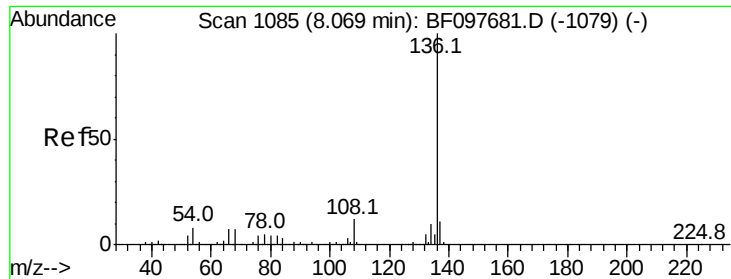
Delta R.T. -0.02 min

Lab File: BF098384.D

Acq: 9 Sep 2017 14:29

Tgt Ion:	94	Resp:	76165
Ion Ratio	Lower	Upper	
94	100		
65	28.3	9.9	49.9
66	43.1	23.1	63.1





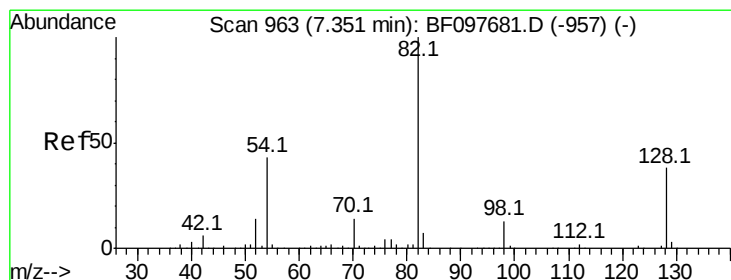
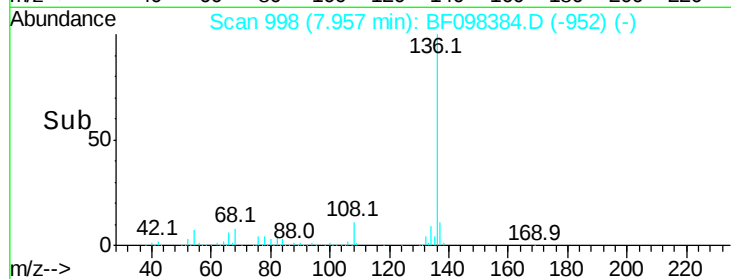
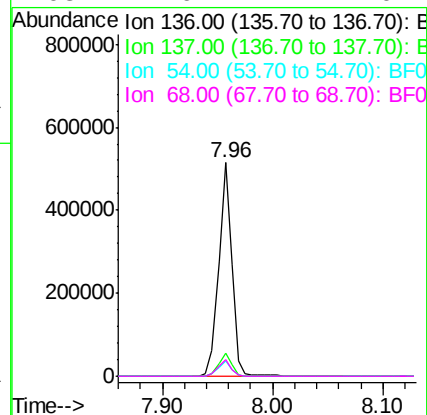
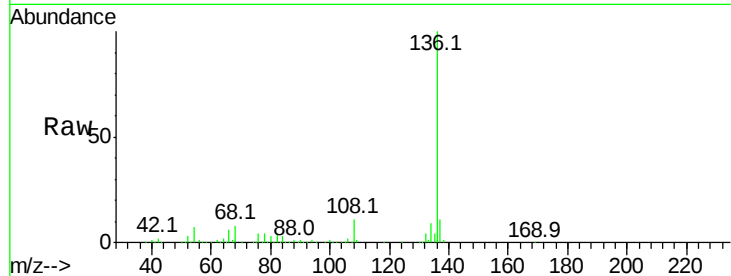
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.03 min
Lab File: BF098384.D
Acq: 9 Sep 2017 14:29

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-3-5

Tot Ion	Ratio	Resp	Lower	Upper
136	100	422212		
137	10.7	8.5	12.7	
54	7.2	4.9	7.3	
68	7.6	4.1	6.1	

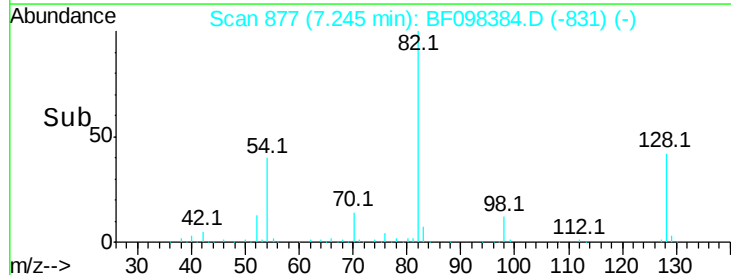
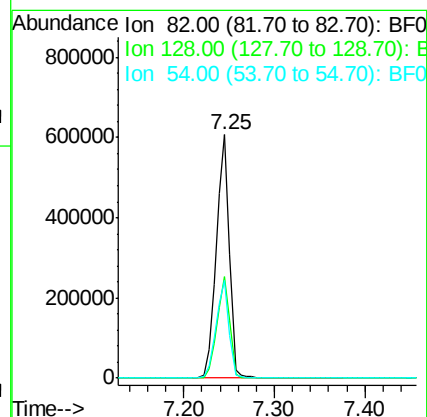
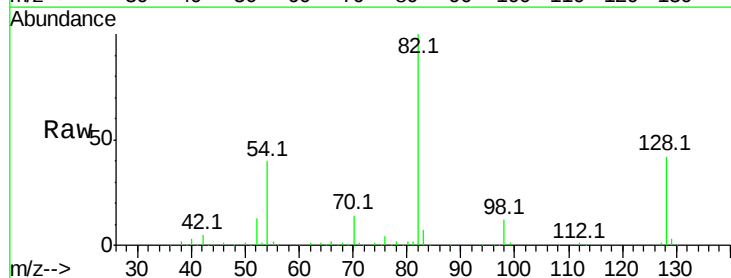
Manual Integrations
APPROVED

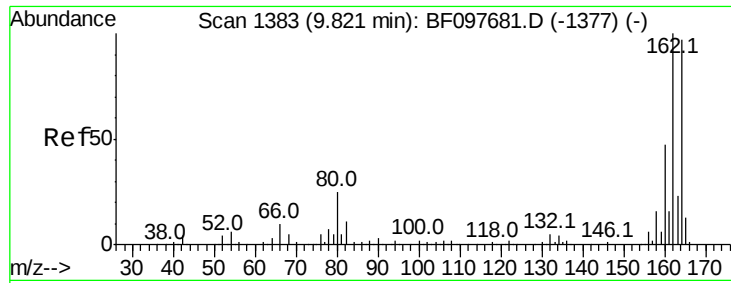
Sohil
9/11/2017 2:42:41 PM



#23
Nitrobenzene-d5
Concen: 78.908 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.03 min
Lab File: BF098384.D
Acq: 9 Sep 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	613275		
128	41.6	34.0	51.0	
54	40.2	42.2	63.2	





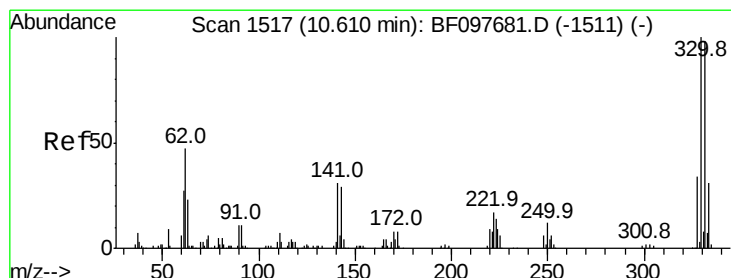
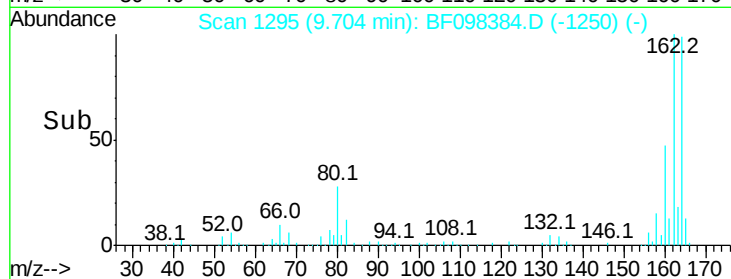
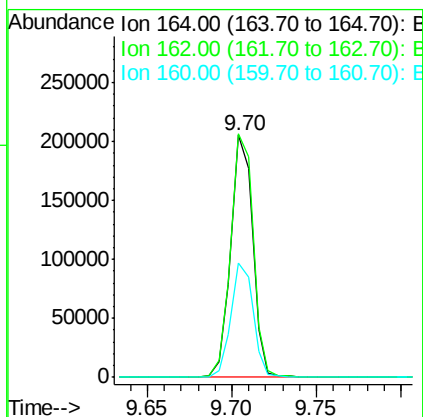
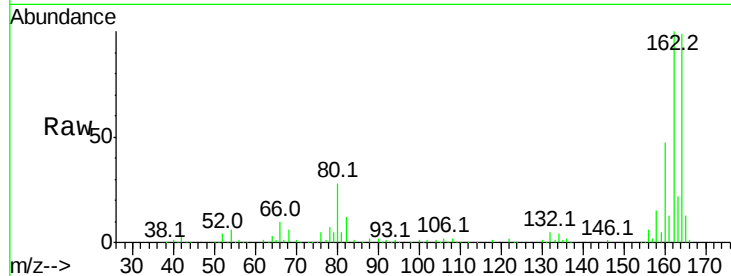
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.04 min
Lab File: BF098384.D
Acq: 9 Sep 2017 14:29

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-3-5

Tot Ion	Ratio	Resp	Lower	Upper
164	100	184976		
162	100.6	82.6	123.8	
160	47.5	36.2	54.2	

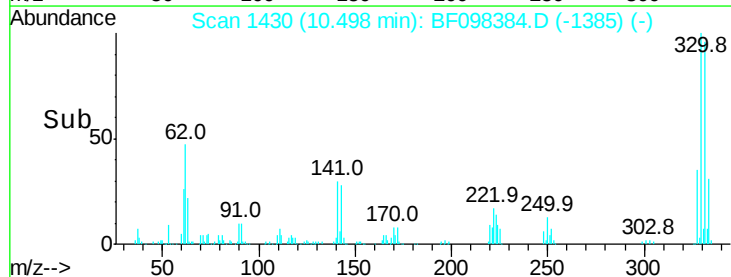
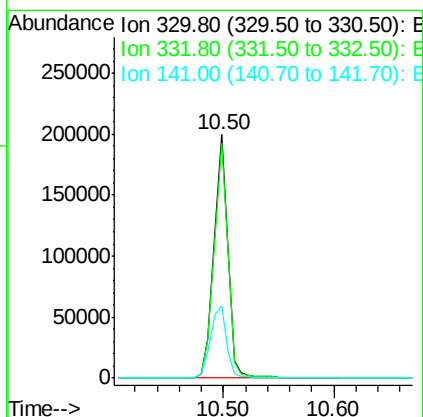
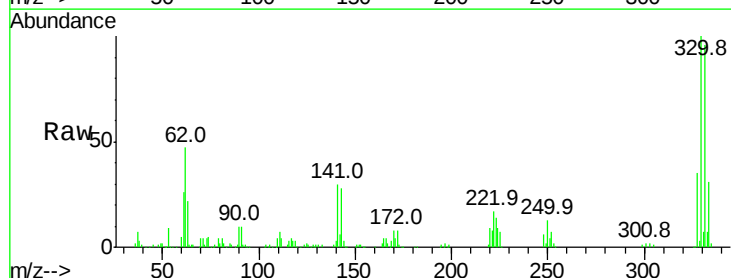
Manual Integrations
APPROVED

Sohil
9/11/2017 2:42:41 PM



#41
2,4,6-Tribromophenol
Concen: 108.515 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BF098384.D
Acq: 9 Sep 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	174163		
332	96.5	76.6	115.0	
141	33.6	31.4	47.2	





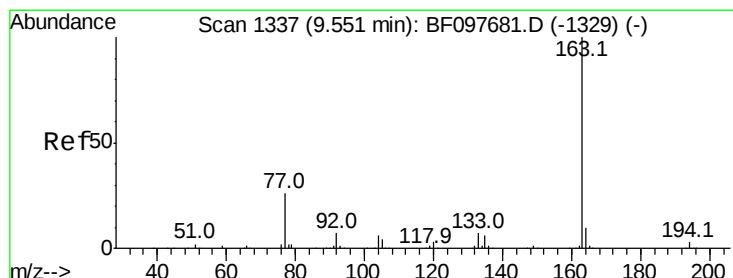
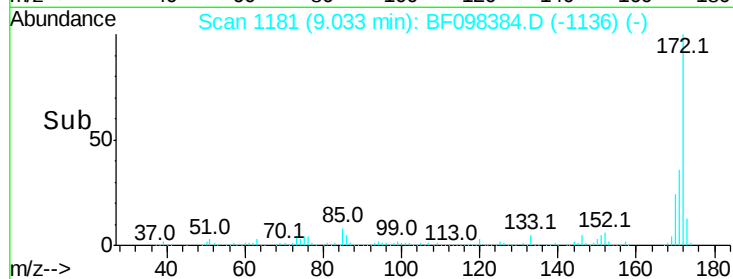
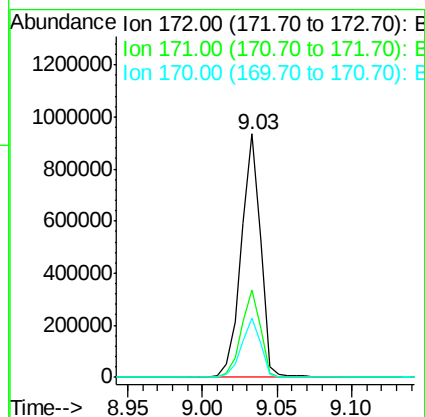
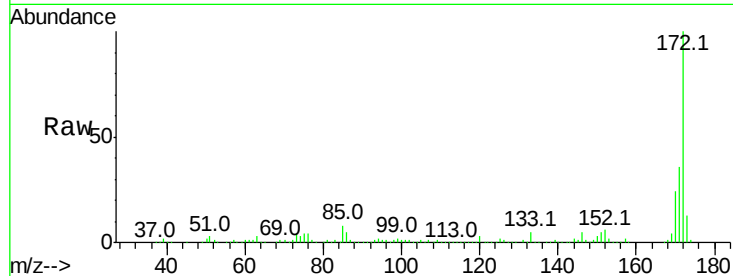
#44
2-Fluorobiphenyl
Concen: 67.100 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.04 min
Lab File: BF098384.D
Acq: 9 Sep 2017 14:29

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-3-5

Tot Ion	Ratio	Resp	Lower	Upper
172	100	844808		
171	35.9		29.6	44.4
170	24.1		19.8	29.8

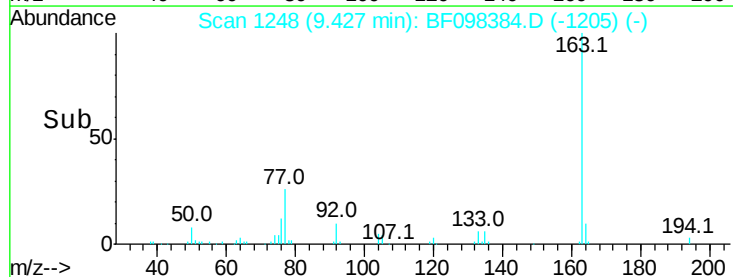
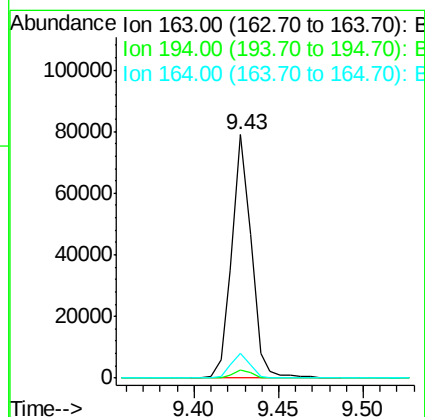
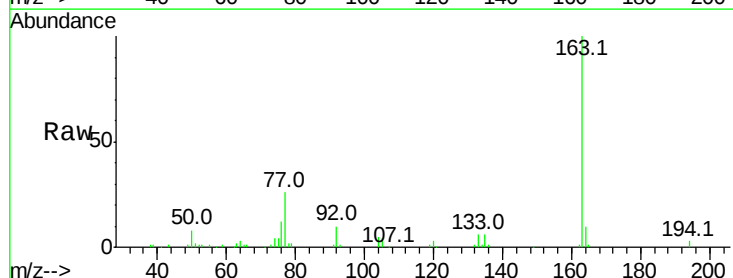
Manual Integrations
APPROVED

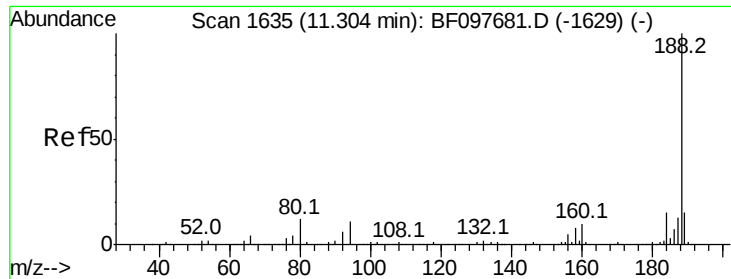
Sohil
9/11/2017 2:42:41 PM



#49
Dimethylphthalate
Concen: 4.709 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BF098384.D
Acq: 9 Sep 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	63670		
194	3.2		2.6	4.0
164	10.0		8.4	12.6





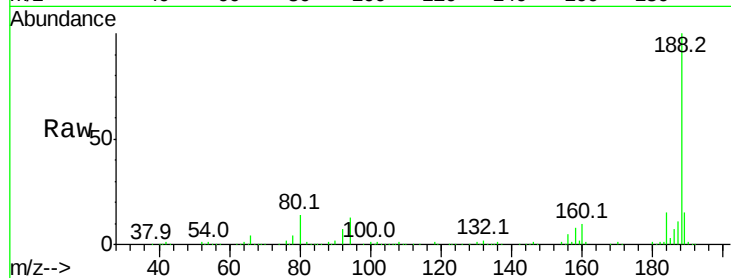
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.04 min
Lab File: BF098384.D
Acq: 9 Sep 2017 14:29

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-3-5

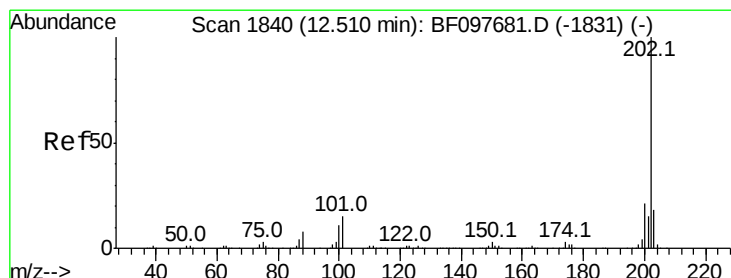
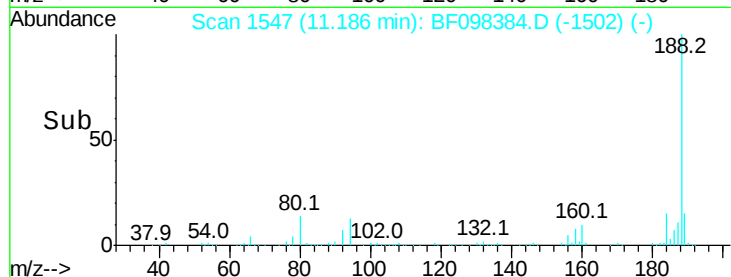
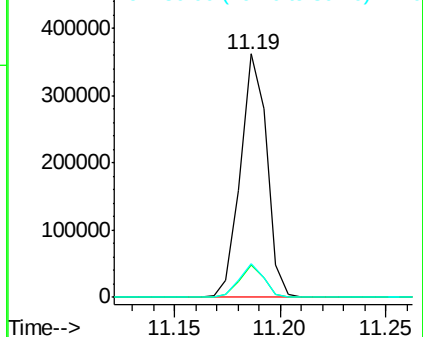
Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	13.5	9.4	14.2	
80	13.8	10.2	15.2	

Manual Integrations
APPROVED

Sohil
9/11/2017 2:42:41 PM

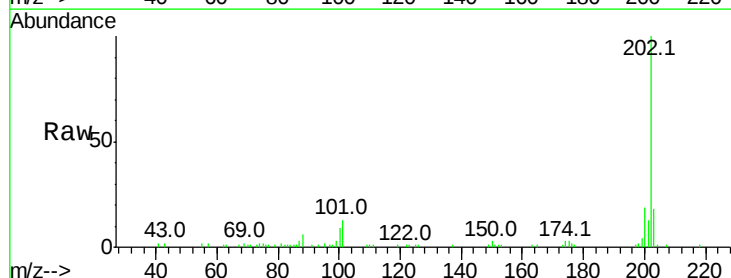


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

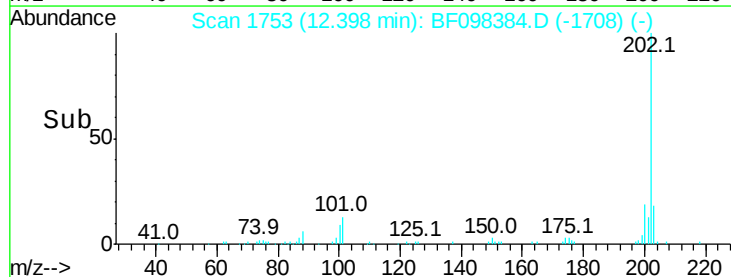
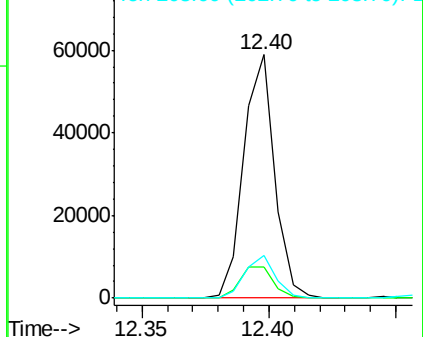


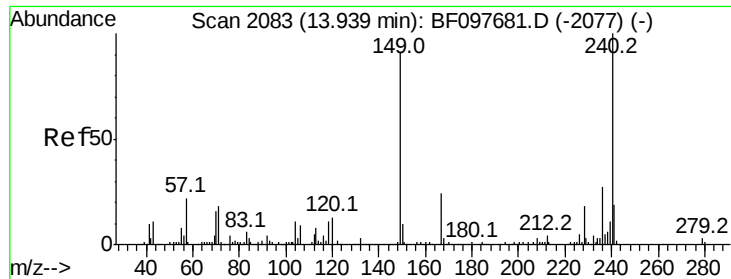
#74
Fluoranthene
Concen: 2.872 ng
RT: 12.40 min Scan# 1753
Delta R.T. -0.04 min
Lab File: BF098384.D
Acq: 9 Sep 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.7	0.0	33.2	
203	17.7	0.0	38.1	



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.04 min

Lab File: BF098384.D

Acq: 9 Sep 2017 14:29

Instrument :

BNA_F

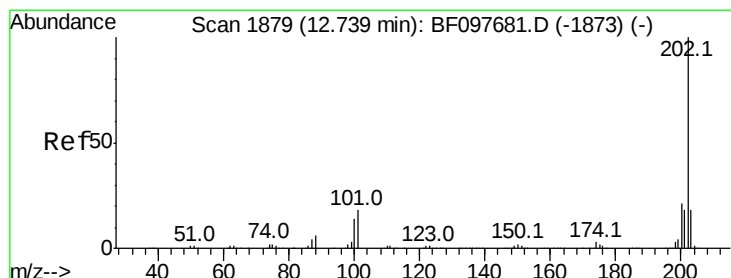
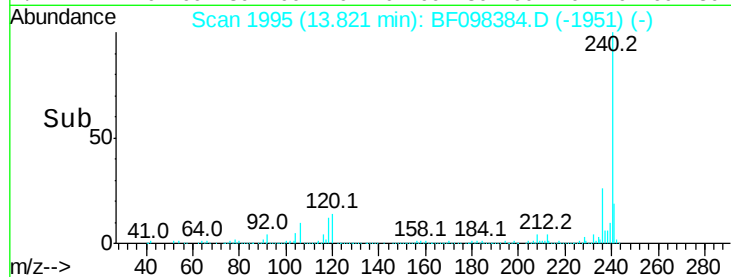
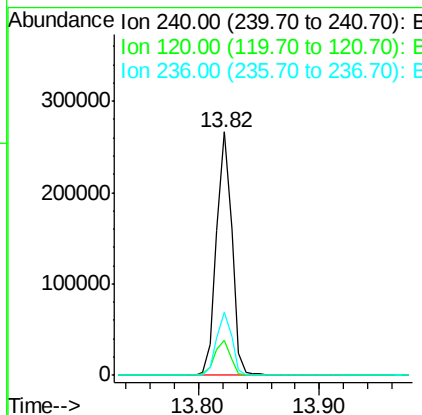
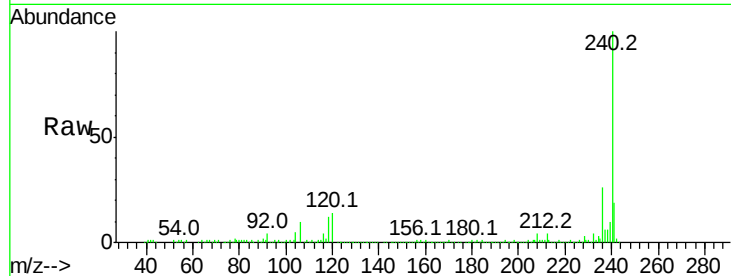
ClientSampleId :

TEC-COMP-3-5

Tot Ion:240 Resp: 231851
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 25.9 20.5 30.7

Manual Integrations
 APPROVED

Sohil
 9/11/2017 2:42:41 PM



#77

Pyrene

Concen: 2.347 ng

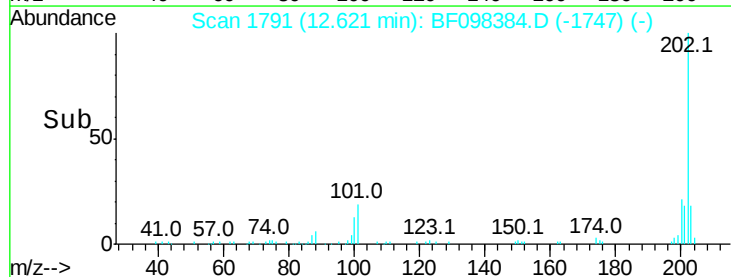
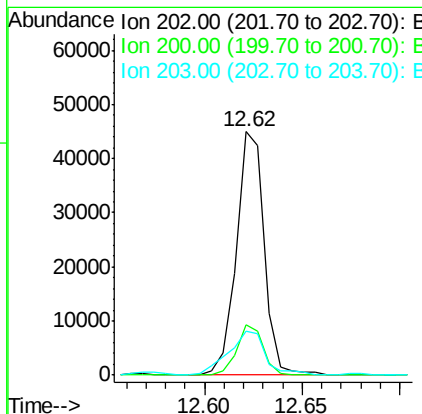
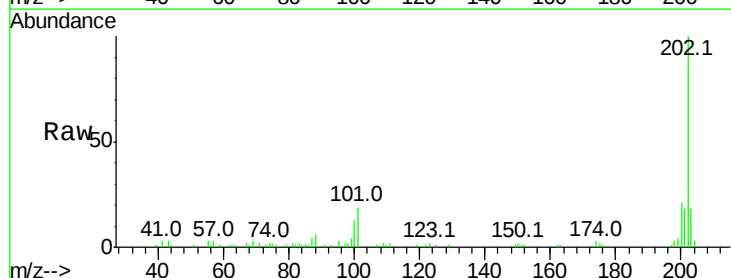
RT: 12.62 min Scan# 1791

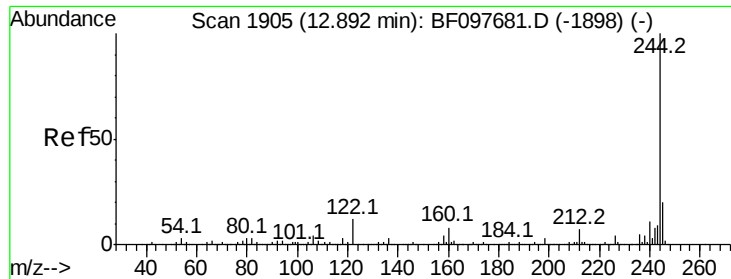
Delta R.T. -0.04 min

Lab File: BF098384.D

Acq: 9 Sep 2017 14:29

Tgt Ion:202 Resp: 44508
 Ion Ratio Lower Upper
 202 100
 200 20.6 17.6 26.4
 203 18.3 14.4 21.6





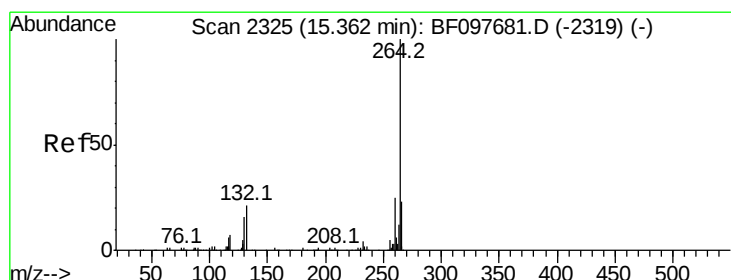
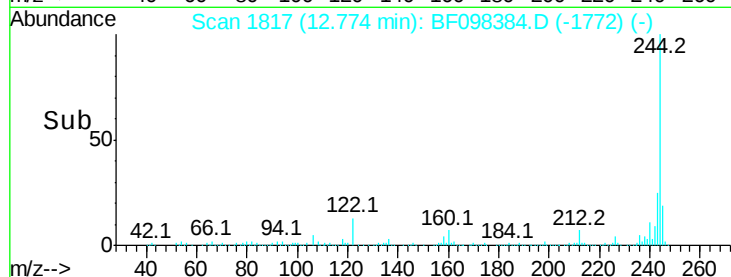
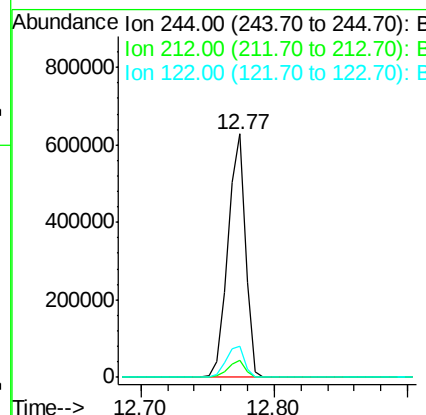
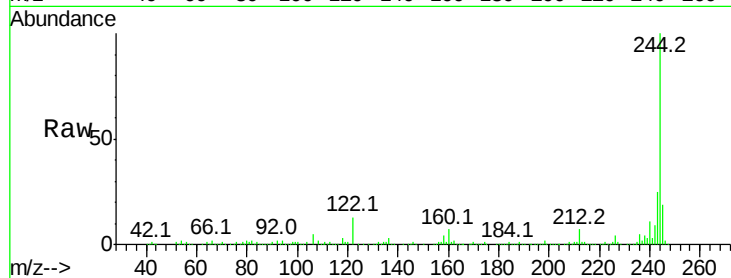
#78
 Terphenyl-d14
 Concen: 52.903 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.04 min
 Lab File: BF098384.D
 Acq: 9 Sep 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-3-5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	12.5	10.3	15.5

Manual Integrations
 APPROVED

Sohil
 9/11/2017 2:42:41 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.04 min
 Lab File: BF098384.D
 Acq: 9 Sep 2017 14:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.9	17.2	25.8

