

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098711.D
 Acq On : 22 Sep 2017 22:14
 Operator : SJ/JU
 Sample : I5335-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Manual Integrations
 APPROVED

Sohil
 9/25/2017 6:21:16 PM

Quant Time: Sep 23 02:38:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	163991	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	671890	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	284305	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	424322	20.00	ng	0.00
75) Chrysene-d12	14.09	240	345815	20.00	ng	0.00
86) Perylene-d12	15.59	264	318080	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	186594	17.28	ng	0.00
7) Phenol-d6	6.53	99	230062	17.59	ng	-0.01
23) Nitrobenzene-d5	7.48	82	126465	12.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	39840	15.32	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	244977	13.71	ng	0.00
78) Terphenyl-d14	13.03	244	170333	10.58	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.67	163	83932	3.937	ng	98
74) Fluoranthene	12.66	202	54645	2.382	ng	97
77) Pyrene	12.89	202	52542	2.047	ng	98
87) Benzo(b)fluoranthene	15.14	252	39912m	2.164	ng	

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

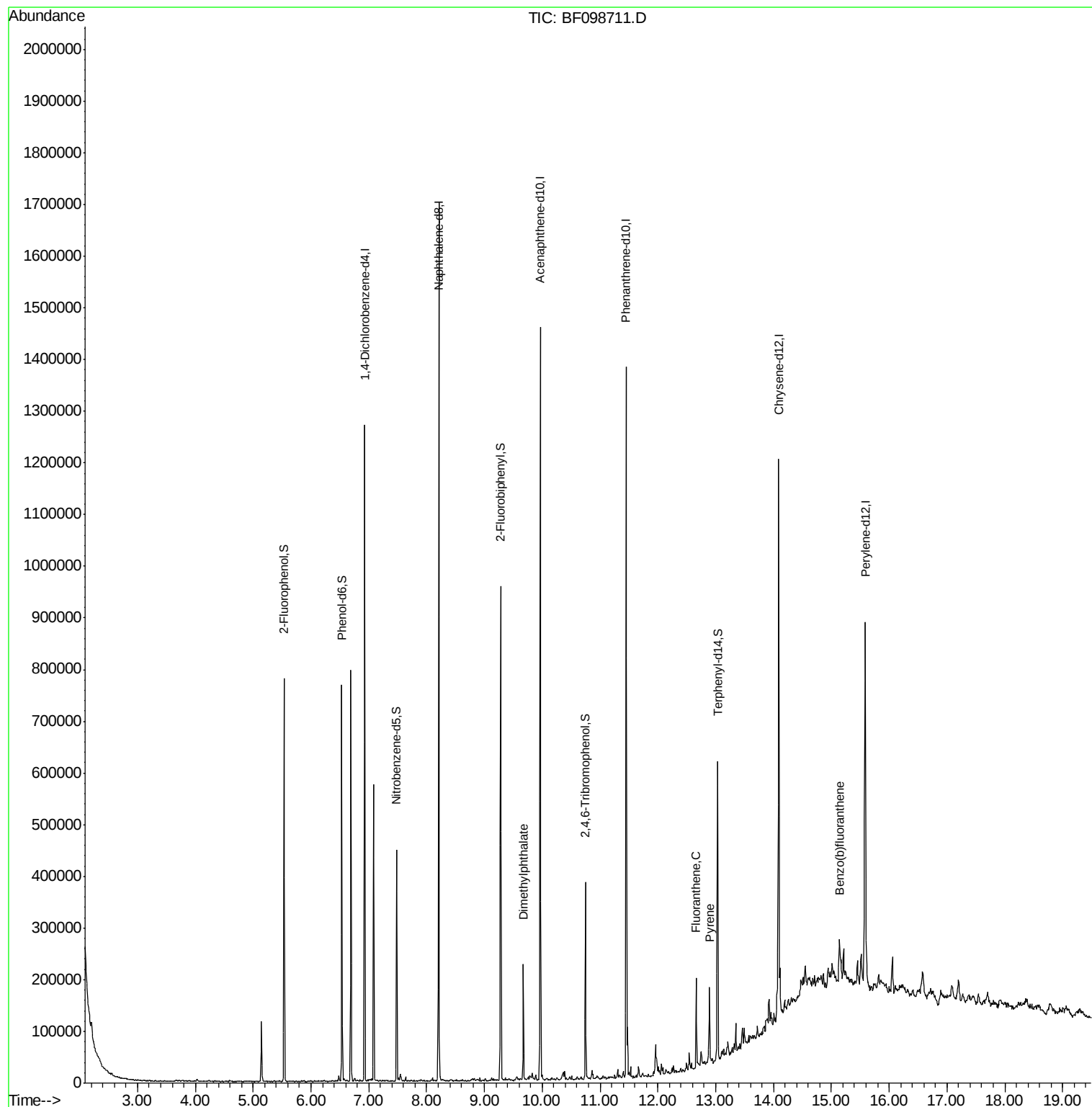
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098711.D
Acq On : 22 Sep 2017 22:14
Operator : SJ/JU
Sample : I5335-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Manual Integrations
APPROVED

Sohil
9/25/2017 6:21:16 PM

Quant Time: Sep 23 02:38:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 10:38:37 2017
Response via : Initial Calibration





#1

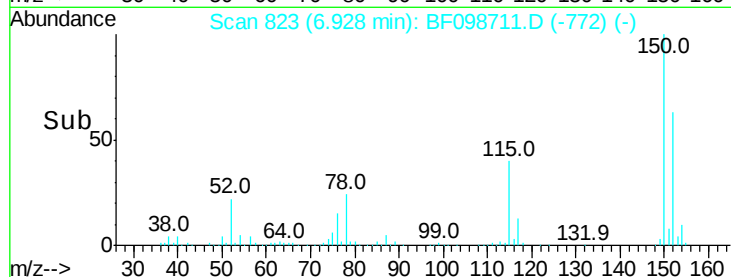
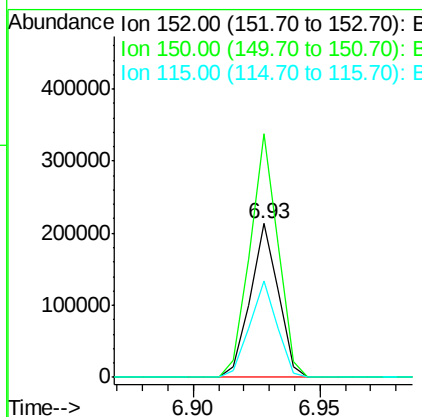
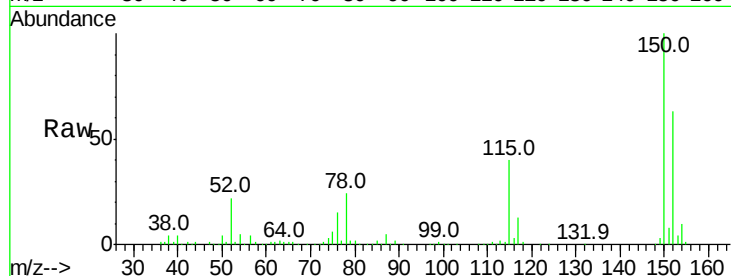
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF098711.D
 Acq: 22 Sep 2017 22:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	63.0	50.1	75.1

Manual Integrations
 APPROVED

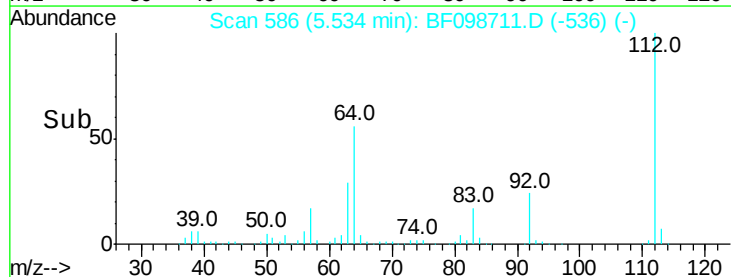
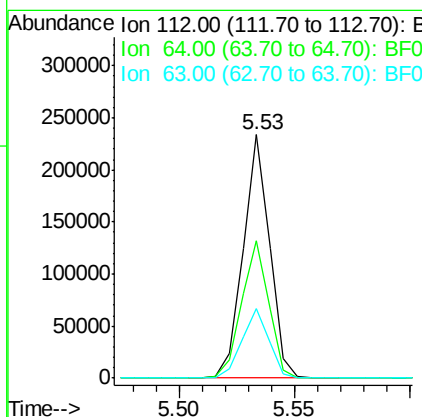
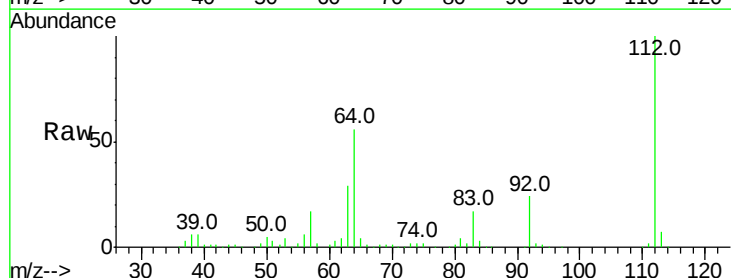
Sohil
 9/25/2017 6:21:16 PM

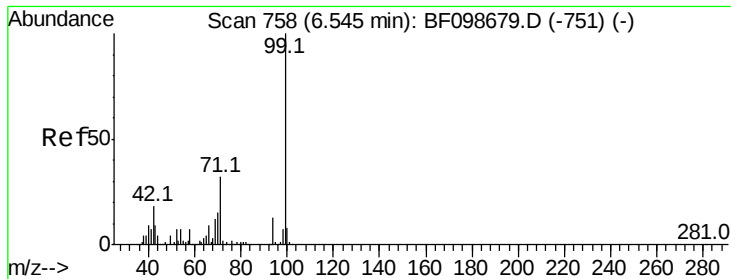


#5

2-Fluorophenol
 Concen: 17.278 ng
 RT: 5.53 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF098711.D
 Acq: 22 Sep 2017 22:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	28.8	23.7	35.5





#7

Phenol-d6

Concen: 17.592 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

Instrument :

BNA_F

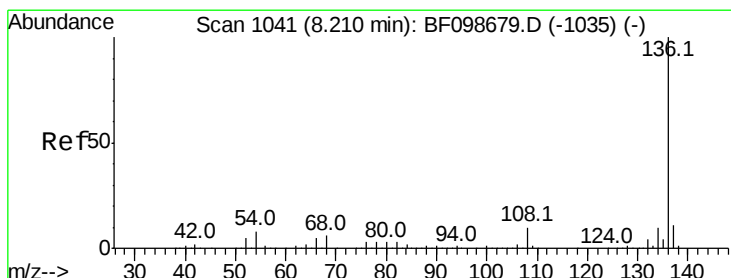
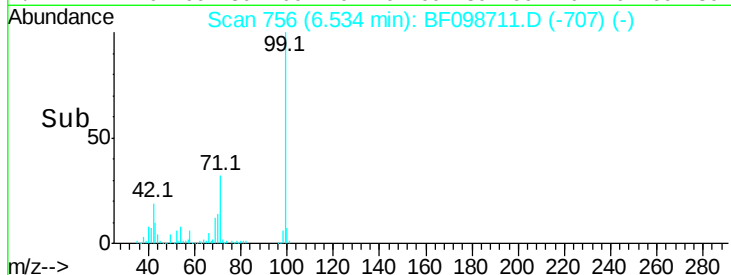
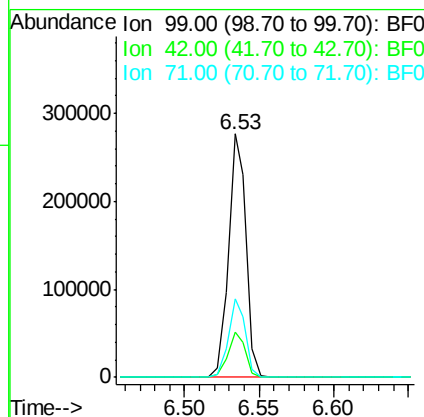
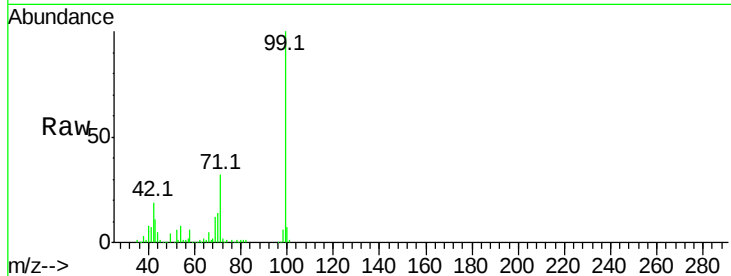
ClientSampleId :

SP-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		230062		
42	18.8	14.5	21.7		
71	32.1	25.4	38.0		

Manual Integrations
APPROVED

Sohil
9/25/2017 6:21:16 PM



#21

Naphthalene-d8

Concen: 20.000 ng

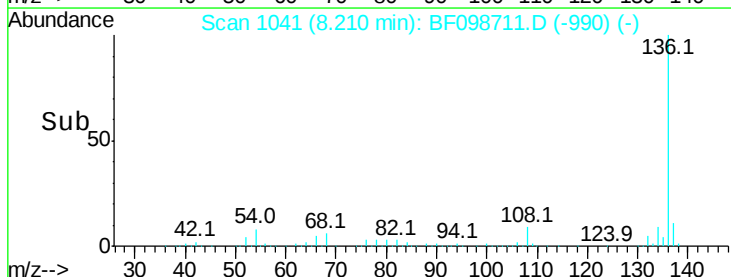
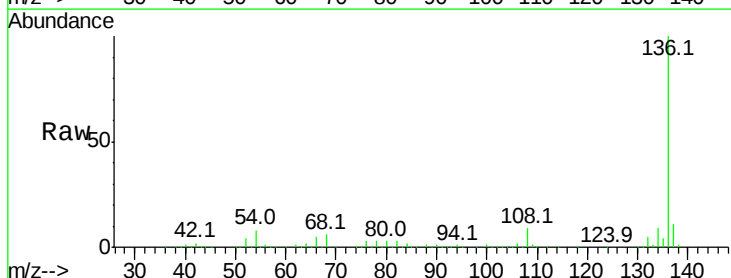
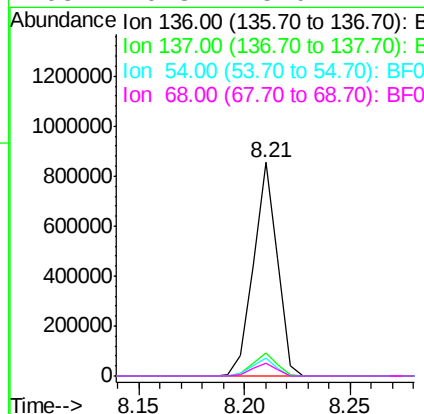
RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		671890		
137	10.9	8.9	13.3		
54	8.3	6.6	9.8		
68	6.3	5.0	7.4		





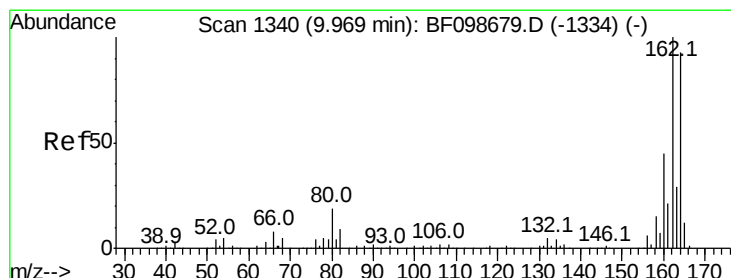
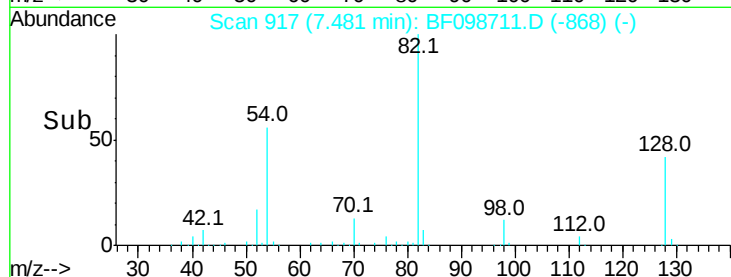
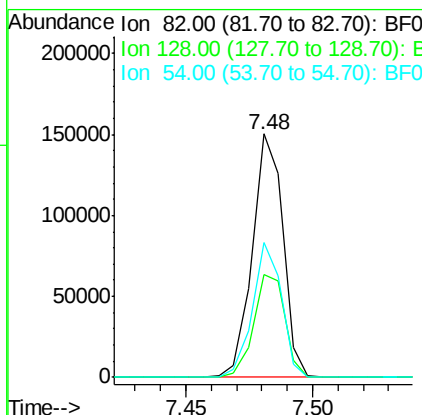
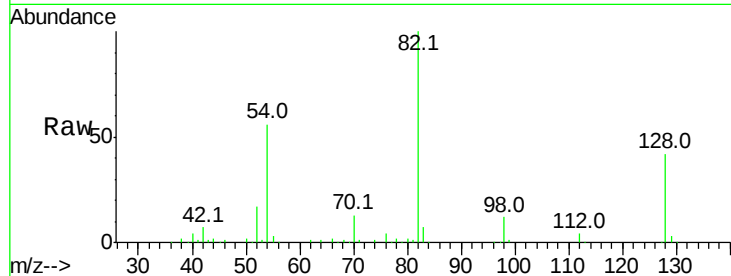
#23
 Nitrobenzene-d5
 Concen: 12.767 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098711.D
 Acq: 22 Sep 2017 22:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100	126465		
128	42.5	36.1	54.1	
54	55.6	41.4	62.2	

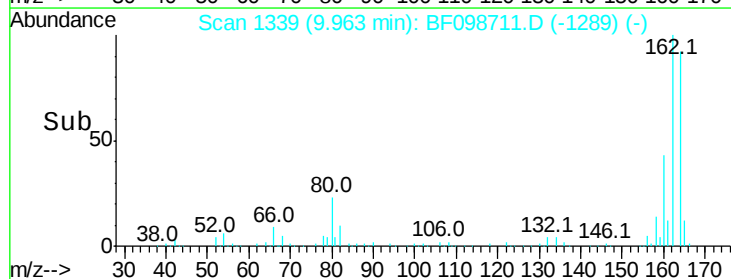
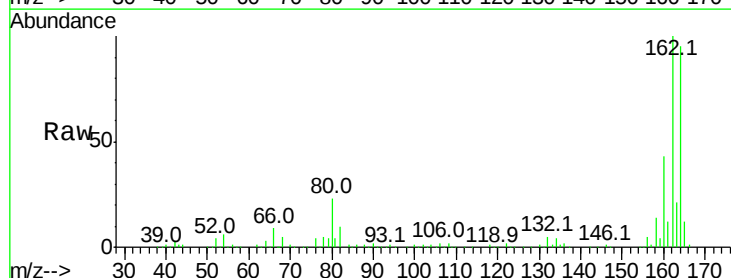
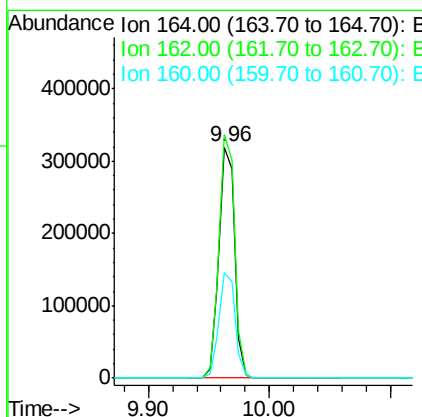
Manual Integrations
 APPROVED

Sohil
 9/25/2017 6:21:16 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF098711.D
 Acq: 22 Sep 2017 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	284305		
162	105.3	86.1	129.1	
160	45.8	38.3	57.5	





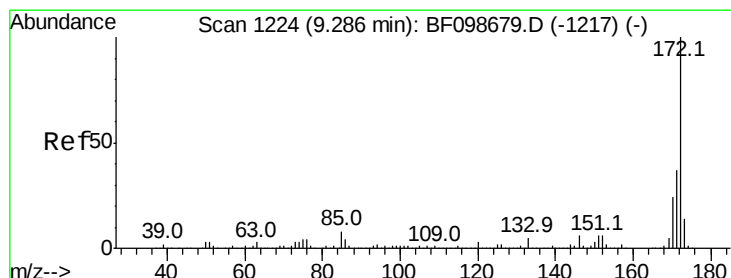
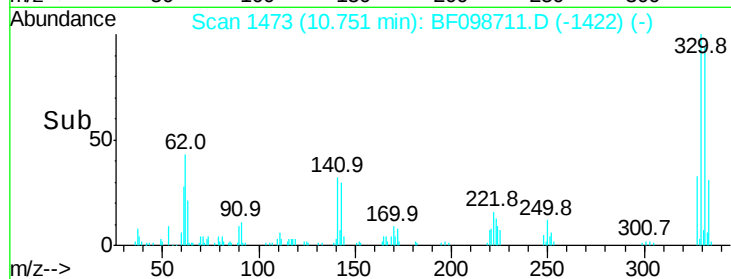
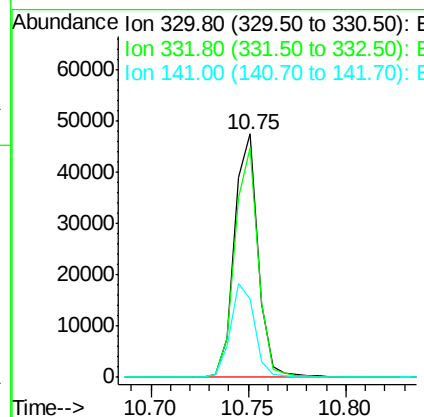
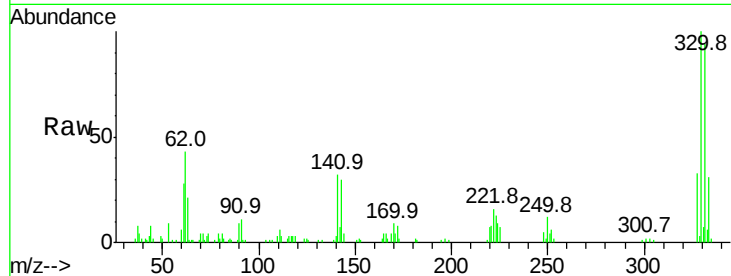
#41
 2,4,6-Tribromophenol
 Concen: 15.323 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098711.D
 Acq: 22 Sep 2017 22:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	39.0	29.9	44.9

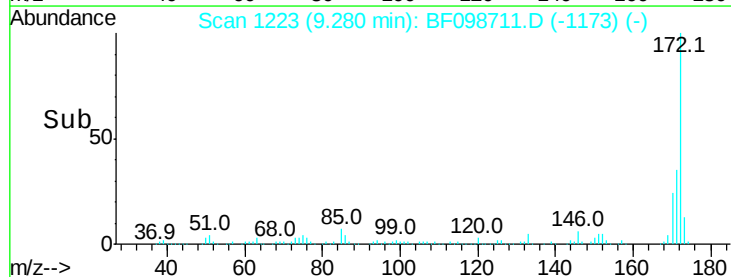
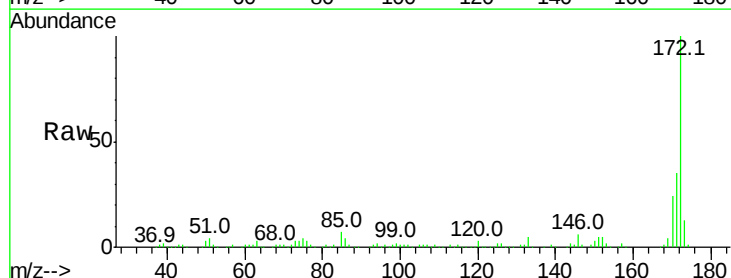
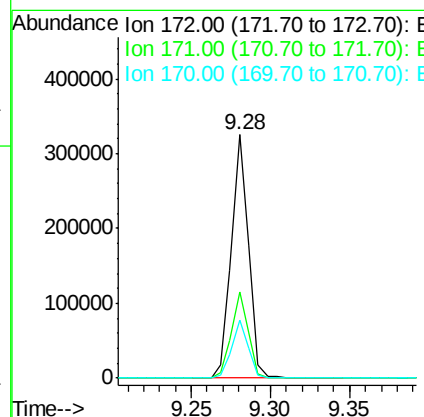
Manual Integrations
 APPROVED

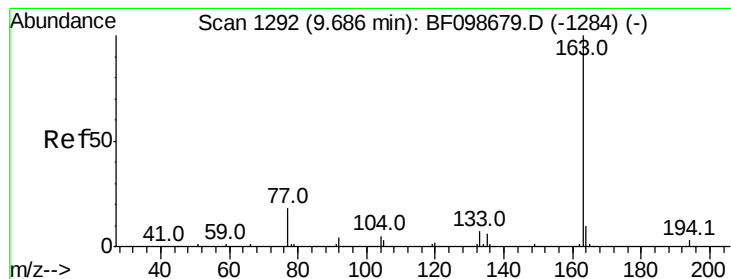
Sohil
 9/25/2017 6:21:16 PM



#44
 2-Fluorobiphenyl
 Concen: 13.712 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF098711.D
 Acq: 22 Sep 2017 22:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.0	19.6	29.4





#49

Dimethylphthalate

Concen: 3.937 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

Instrument :

BNA_F

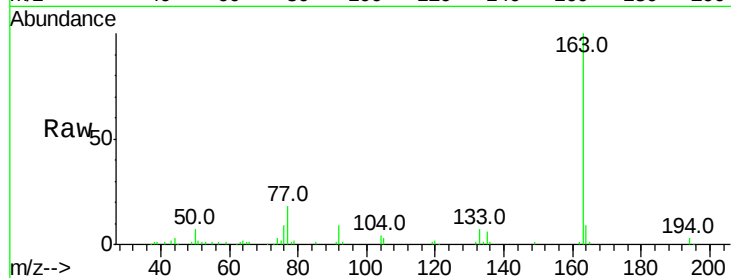
ClientSampled :

SP-COMP

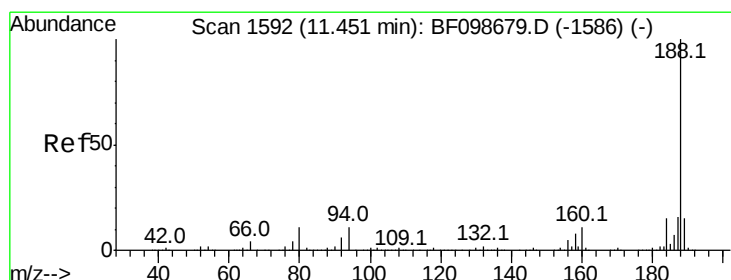
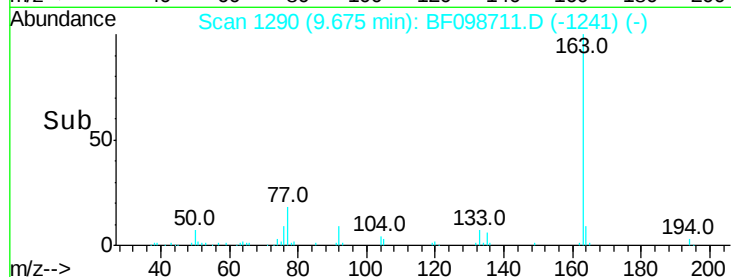
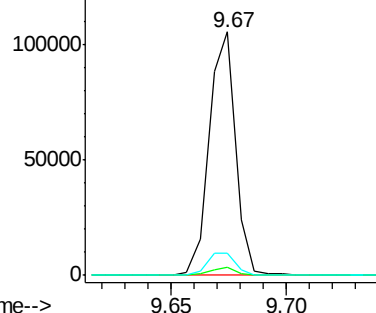
Tot Ion:	163	Resp:	83932
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	9.1	8.2	12.2

Manual Integrations
APPROVED

Sohil
9/25/2017 6:21:16 PM



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

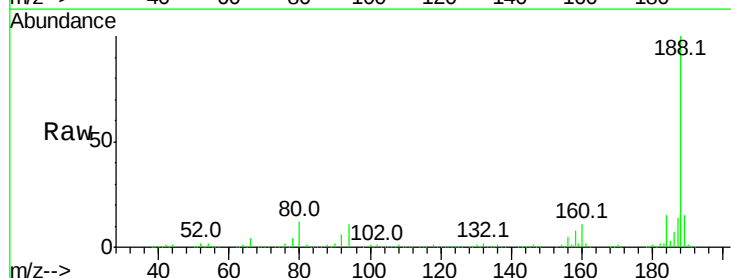
RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

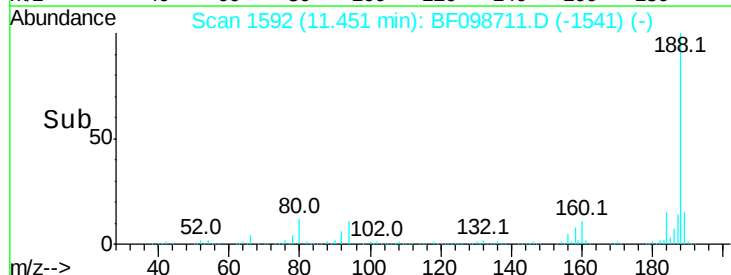
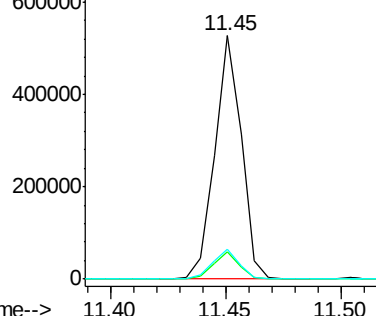
Lab File: BF098711.D

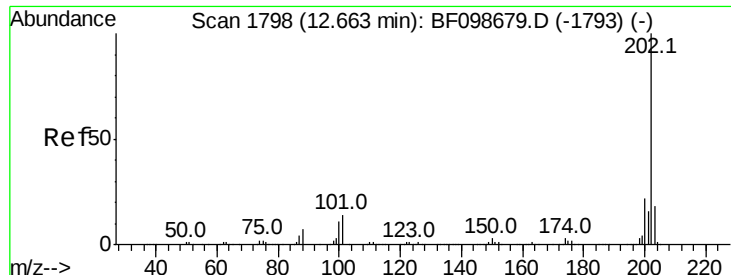
Acq: 22 Sep 2017 22:14

Tgt Ion:	188	Resp:	424322
Ion Ratio	Lower	Upper	
188	100		
94	11.2	8.5	12.7
80	12.3	9.2	13.8



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: 2.382 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

Instrument :

BNA_F

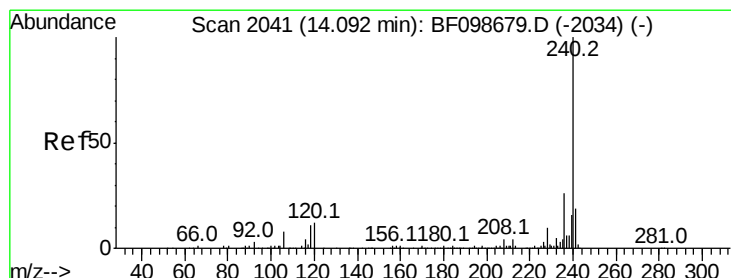
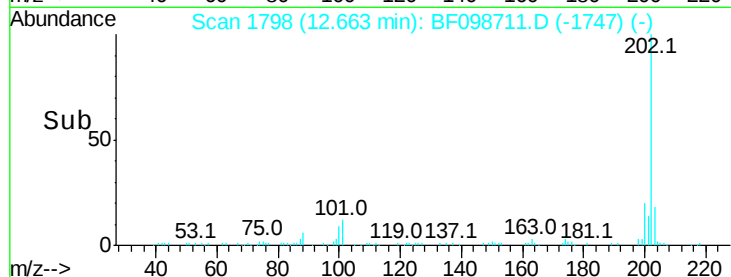
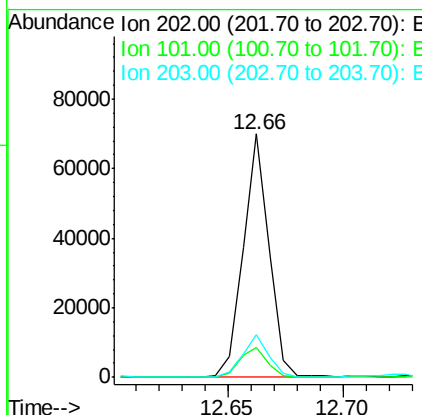
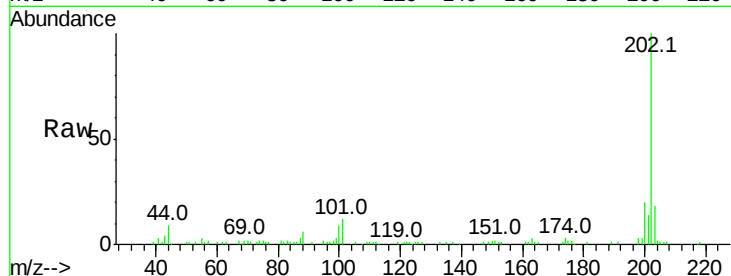
ClientSampleId :

SP-COMP

Tot Ion:	202	Resp:	54645
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	34.1
203	17.7	0.0	38.1

Manual Integrations
APPROVED

Sohil
9/25/2017 6:21:16 PM



#75

Chrysene-d12

Concen: 20.000 ng

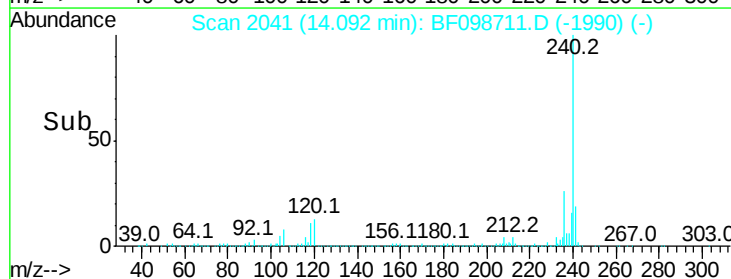
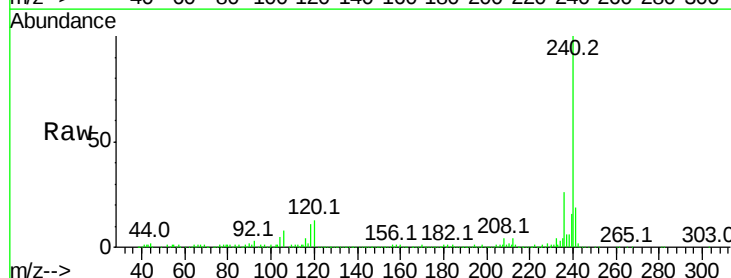
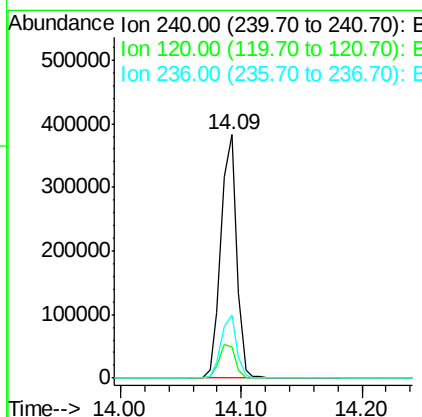
RT: 14.09 min Scan# 2041

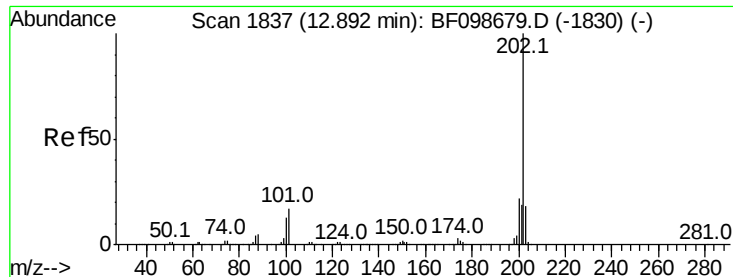
Delta R.T. -0.00 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

Tgt Ion:	240	Resp:	345815
Ion Ratio	Lower	Upper	
240	100		
120	13.0	9.5	14.3
236	26.1	20.7	31.1





#77

Pvrene

Concen: 2.047 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

Instrument :

BNA_F

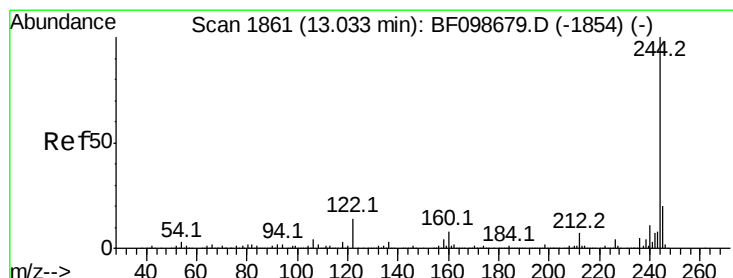
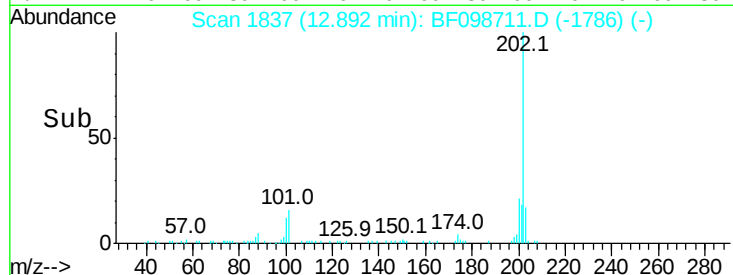
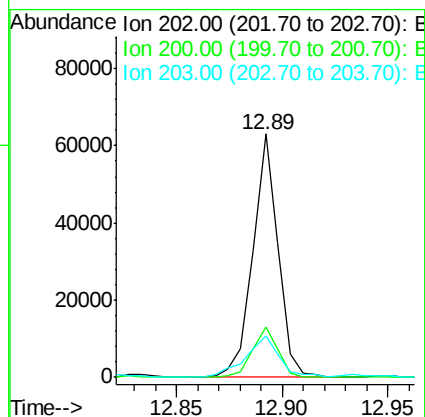
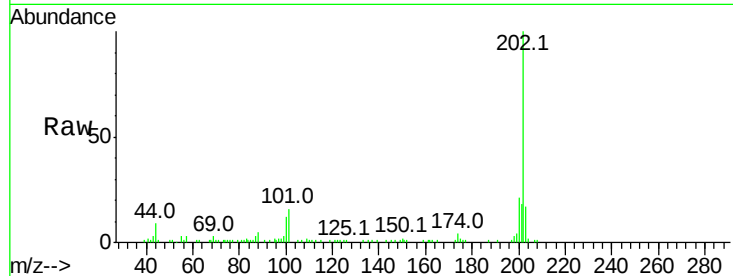
ClientSampleId :

SP-COMP

Tot Ion:	202	Resp:	52542
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	17.2	14.3	21.5

Manual Integrations
APPROVED

Sohil
9/25/2017 6:21:16 PM



#78

Terphenyl-d14

Concen: 10.576 ng

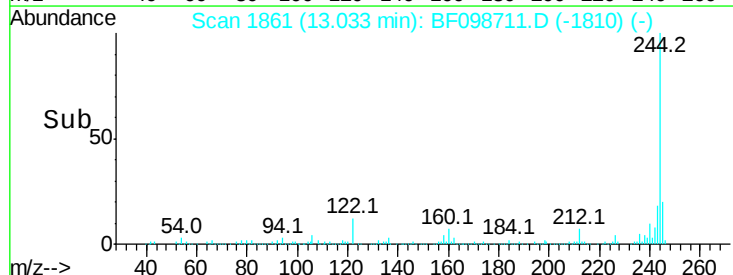
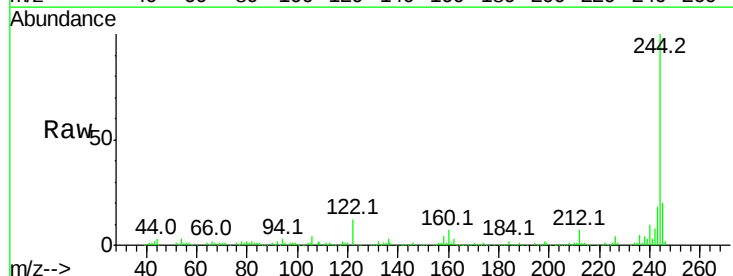
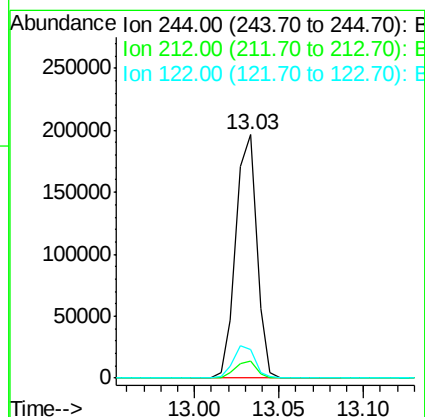
RT: 13.03 min Scan# 1861

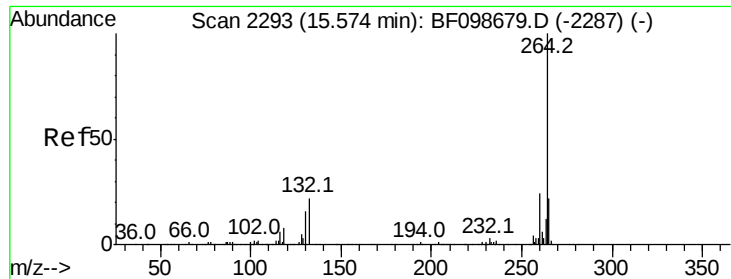
Delta R.T. -0.00 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

Tgt Ion:	244	Resp:	170333
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	11.9	11.0	16.4





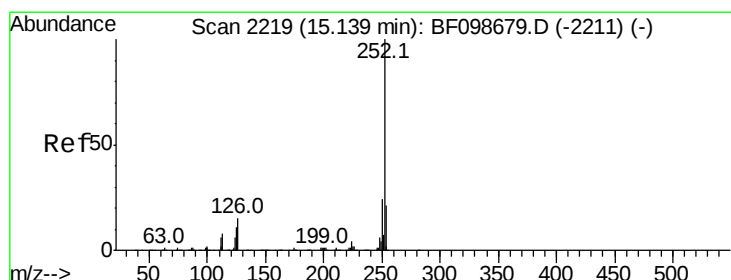
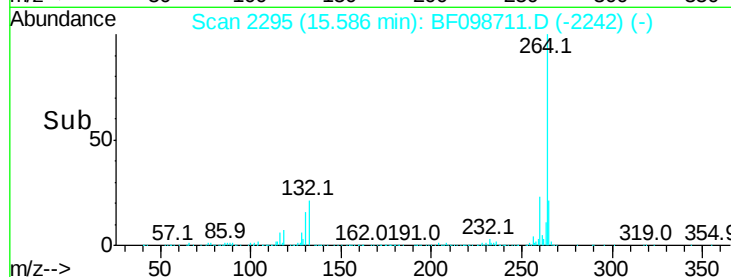
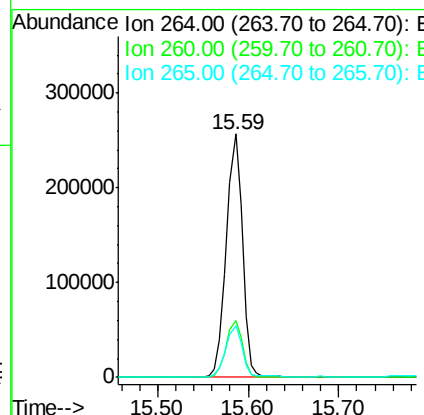
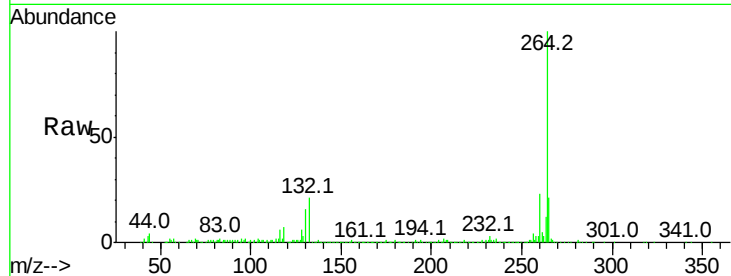
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.5	26.3

Manual Integrations
APPROVED

Sohil
9/25/2017 6:21:16 PM



#87
Benzo(b)fluoranthene
Concen: 2.164 ng m
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	17.2	9.0	13.6

