

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099120.D
 Acq On : 5 Oct 2017 23:06
 Operator : SJ/JU
 Sample : I5585-05 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G68-0-1.5

Manual Integrations
 APPROVED

Sohil
 10/6/2017 5:35:00 PM

Quant Time: Oct 06 03:48:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	137097	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	563140	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	246223	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	392712	20.00	ng	0.00
75) Chrysene-d12	14.02	240	223774	20.00	ng	-0.01
86) Perylene-d12	15.50	264	233079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	141386	16.42	ng	0.00
7) Phenol-d6	6.48	99	183492	17.27	ng	-0.02
23) Nitrobenzene-d5	7.42	82	105301	11.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	29311	14.55	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	215019	14.58	ng	-0.01
78) Terphenyl-d14	12.96	244	133929	13.61	ng	-0.01
Target Compounds						
74) Fluoranthene	12.60	202	49118	2.308	ng	97
77) Pyrene	12.83	202	47924	2.809	ng	98
82) Chrysene	14.04	228	29714	2.303	ng	98
85) Indeno(1,2,3-cd)pyrene	16.97	276	21056	2.040	ng	99
87) Benzo(b)fluoranthene	15.06	252	53685m	3.746	ng	

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

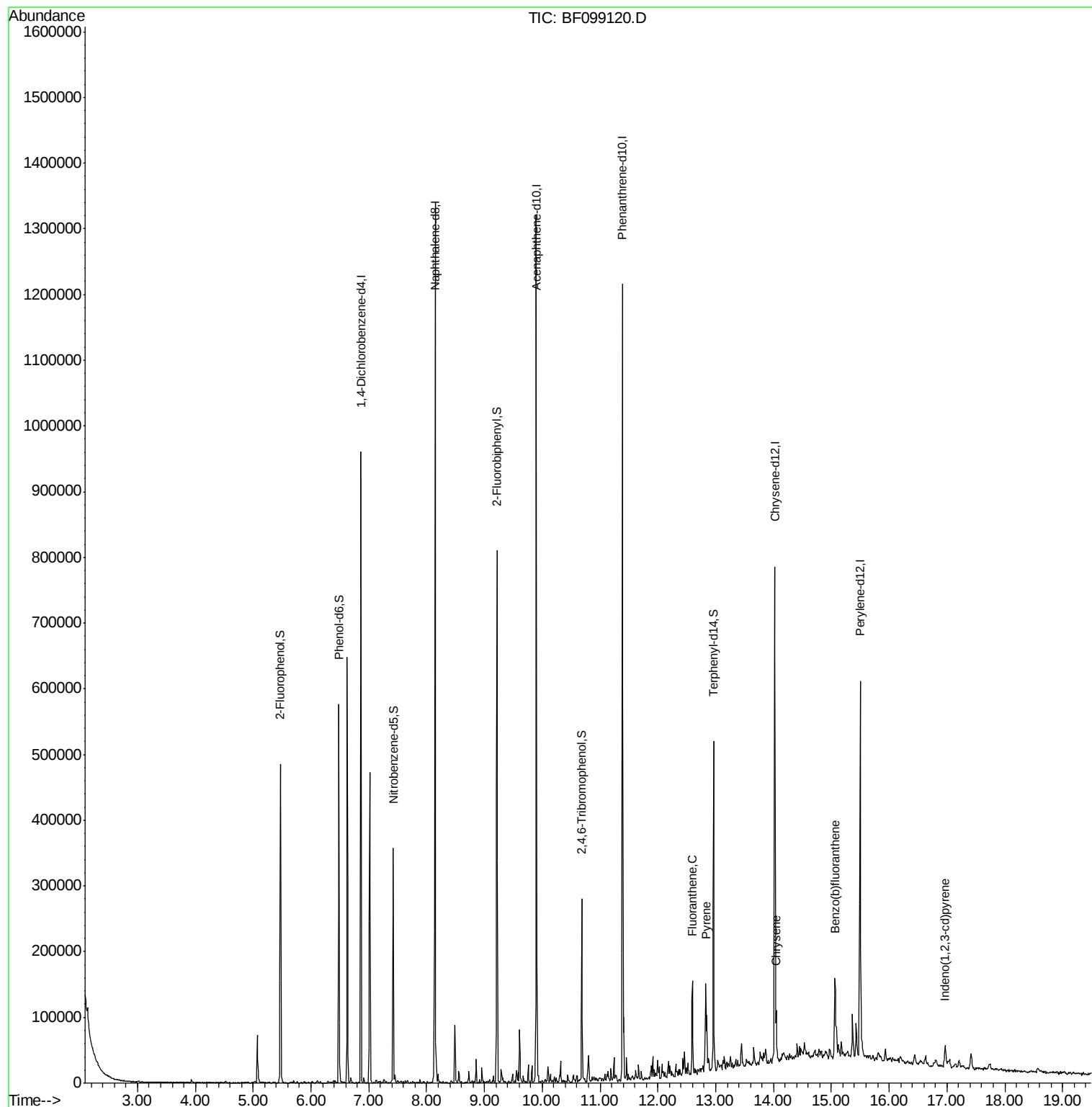
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099120.D
Acq On : 5 Oct 2017 23:06
Operator : SJ/JU
Sample : I5585-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G68-0-1.5

Manual Integrations
APPROVED

Sohil
10/6/2017 5:35:00 PM

Quant Time: Oct 06 03:48:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration





#1

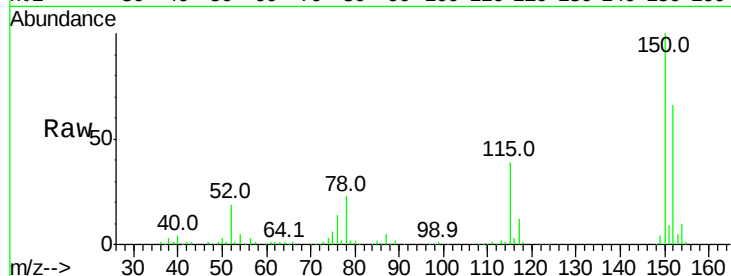
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099120.D
Acq: 5 Oct 2017 23:06

Instrument :
BNA_F
ClientSampleId :
G68-0-1.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.6	186.8
115	59.3	50.1	75.1

Manual Integrations
APPROVED

Sohil
10/6/2017 5:35:00 PM

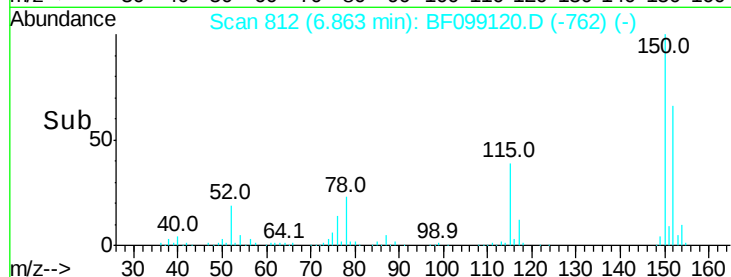
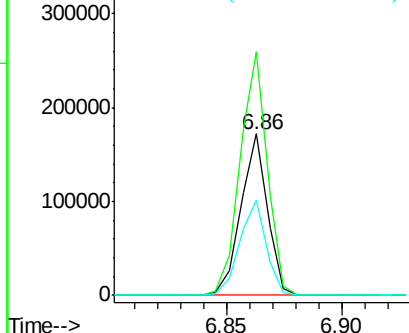


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

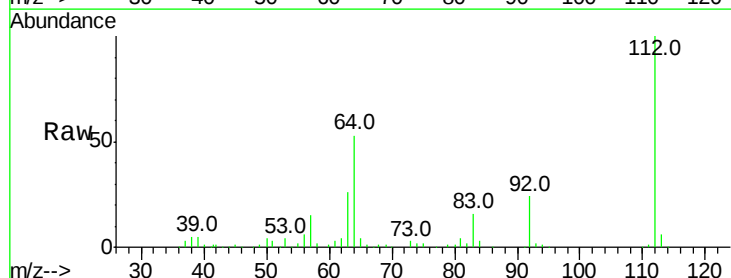
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 16.417 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF099120.D
Acq: 5 Oct 2017 23:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	47.9	71.9
63	25.8	23.7	35.5

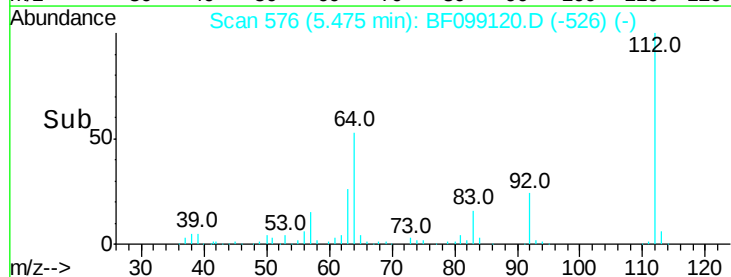
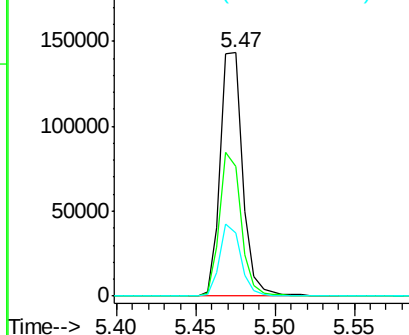


Abundance

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: 17.271 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF099120.D

Acq: 5 Oct 2017 23:06

Instrument :

BNA_F

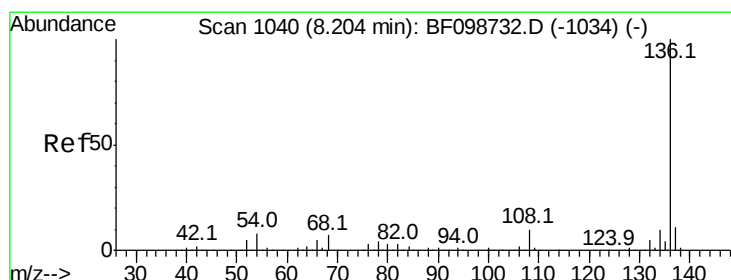
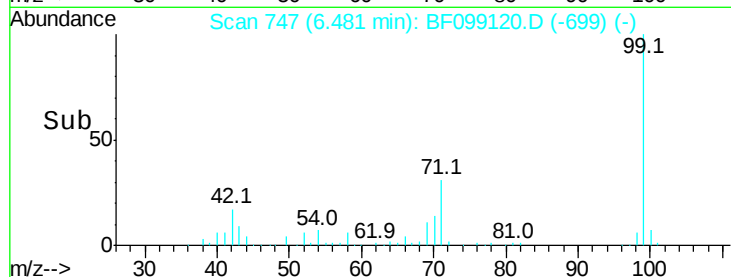
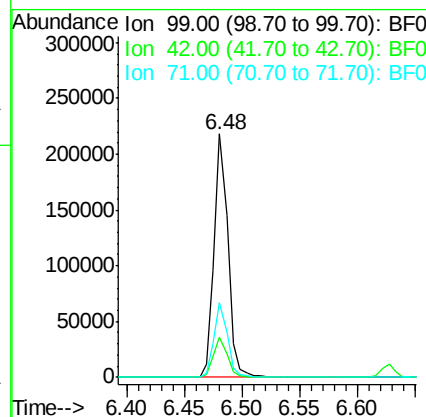
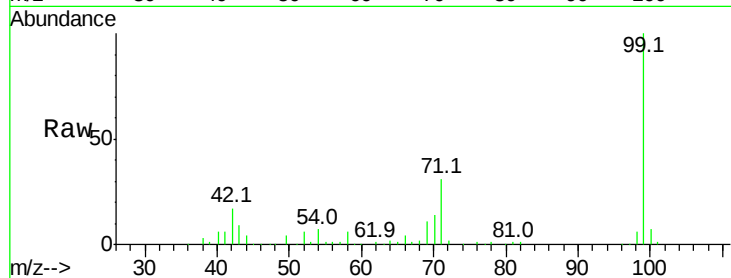
ClientSampleId :

G68-0-1.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		183492		
42	16.6	14.5	21.7		
71	30.7	25.4	38.0		

Manual Integrations
APPROVED

Sohil
10/6/2017 5:35:00 PM



#21

Naphthalene-d8

Concen: 20.000 ng

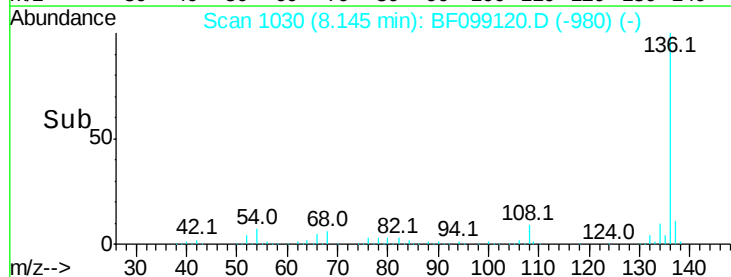
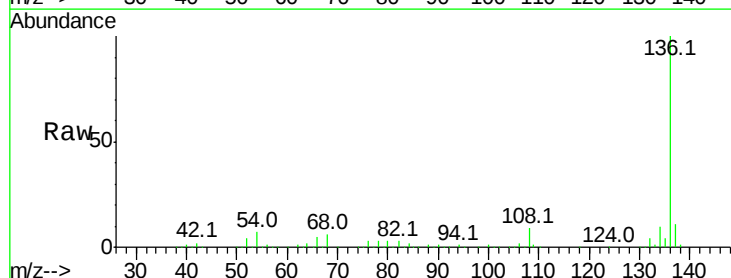
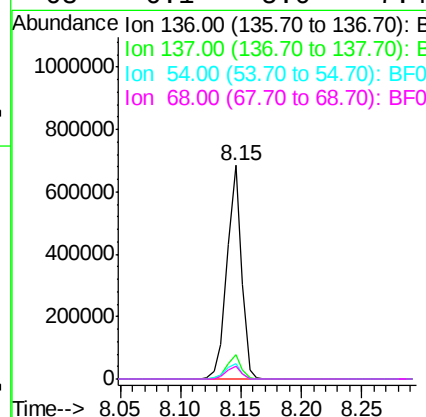
RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099120.D

Acq: 5 Oct 2017 23:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		563140		
137	11.2	8.9	13.3		
54	7.4	6.6	9.8		
68	6.1	5.0	7.4		





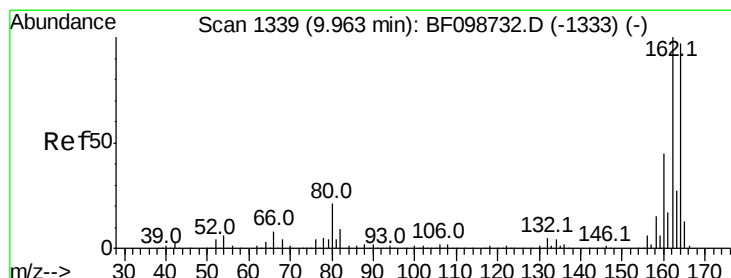
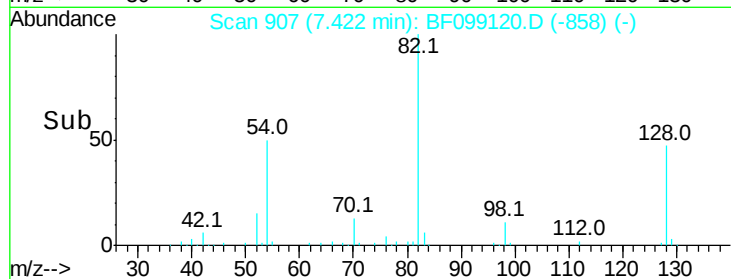
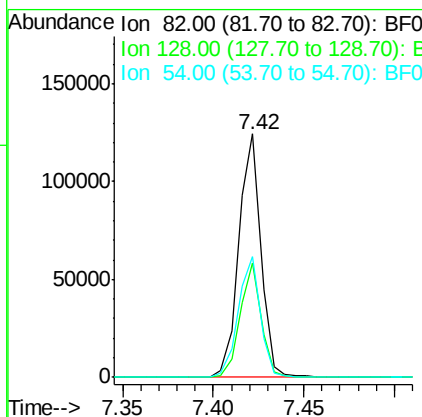
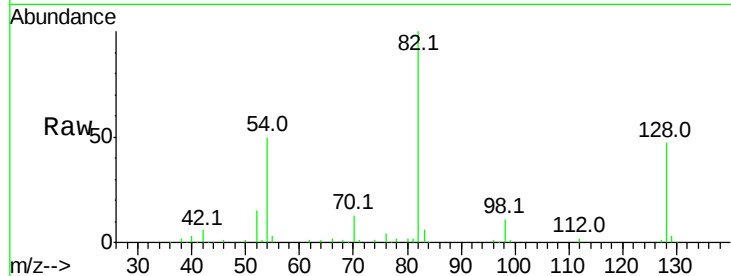
#23
Nitrobenzene-d5
Concen: 11.992 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099120.D
Acq: 5 Oct 2017 23:06

Instrument :
BNA_F
ClientSampleId :
G68-0-1.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	49.5	41.4	62.2

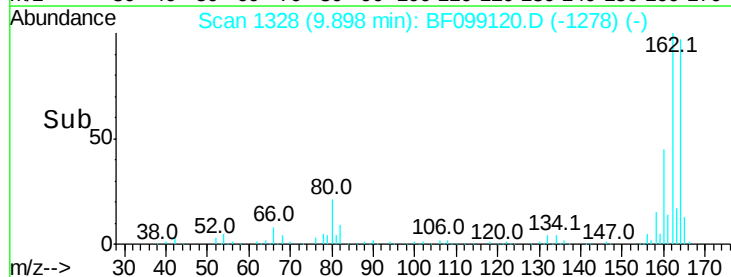
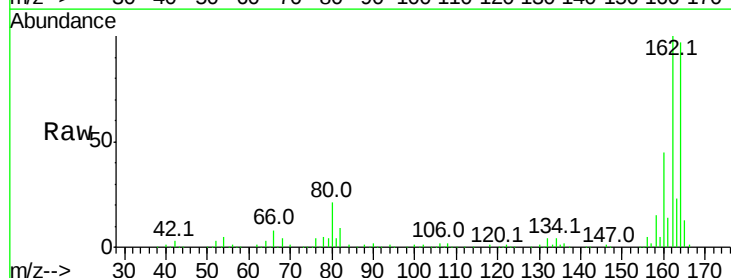
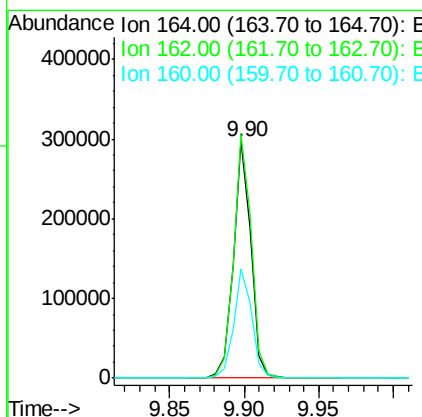
Manual Integrations
APPROVED

Sohil
10/6/2017 5:35:00 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099120.D
Acq: 5 Oct 2017 23:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	46.3	38.3	57.5





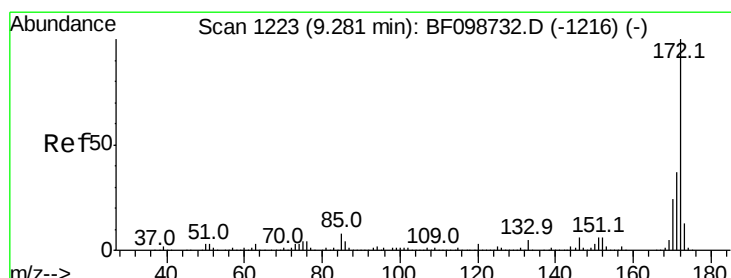
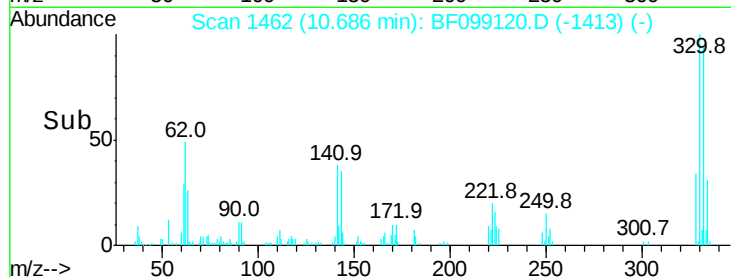
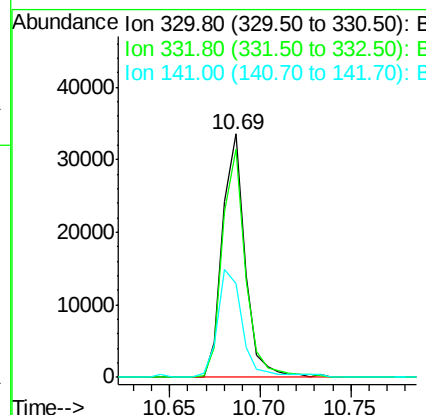
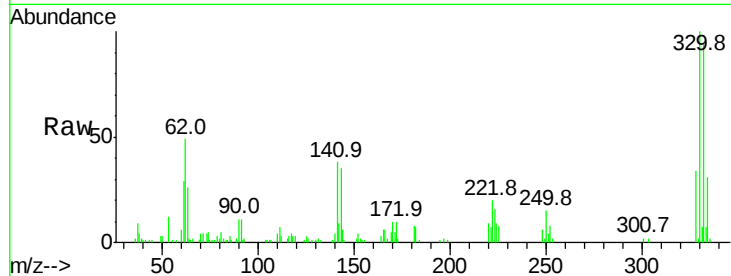
#41
 2,4,6-Tribromophenol
 Concen: 14.548 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099120.D
 Acq: 5 Oct 2017 23:06

Instrument :
 BNA_F
 ClientSampled :
 G68-0-1.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	49.4	29.9	44.9

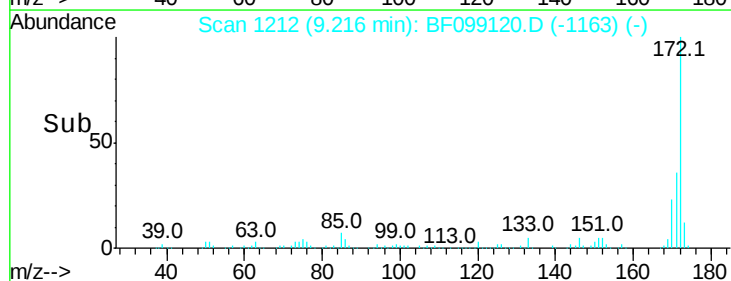
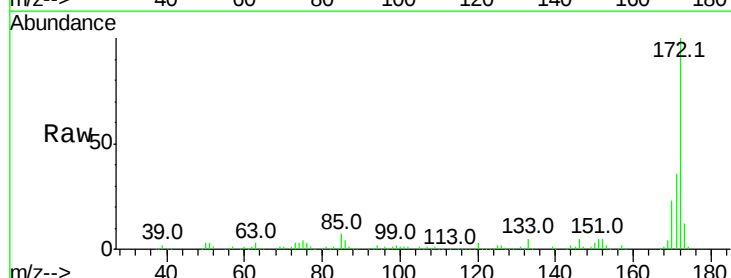
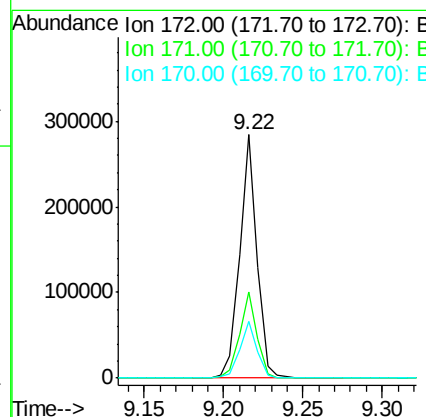
Manual Integrations
 APPROVED

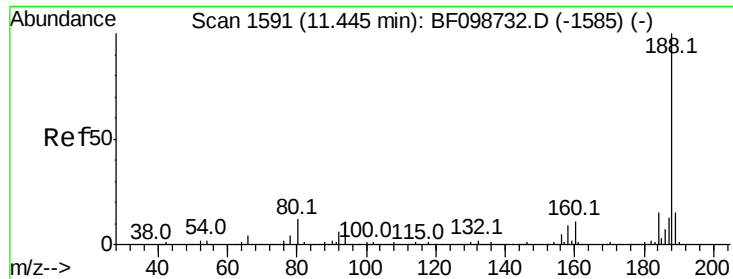
Sohil
 10/6/2017 5:35:00 PM



#44
 2-Fluorobiphenyl
 Concen: 14.579 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099120.D
 Acq: 5 Oct 2017 23:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.1	19.6	29.4





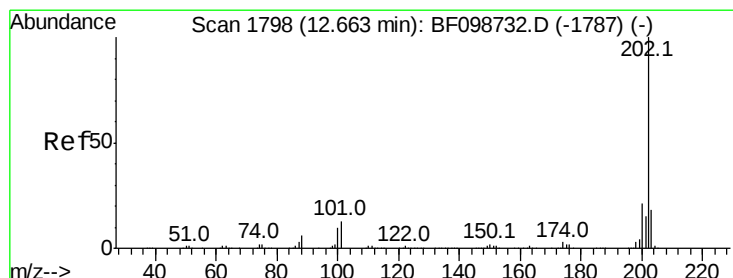
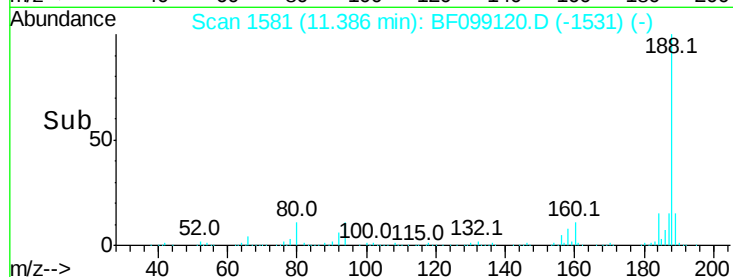
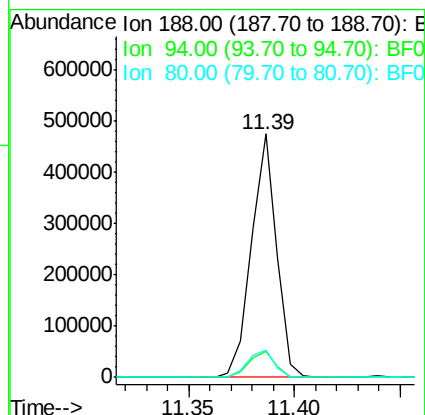
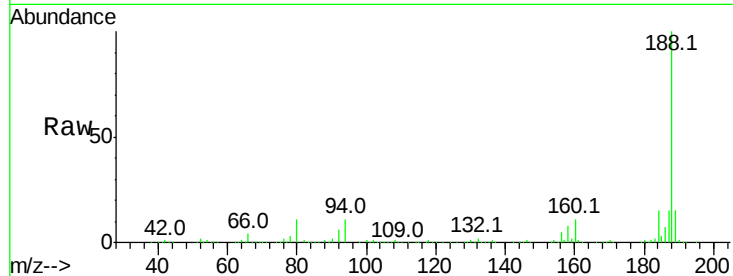
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099120.D
Acq: 5 Oct 2017 23:06

Instrument :
BNA_F
ClientSampleId :
G68-0-1.5

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8

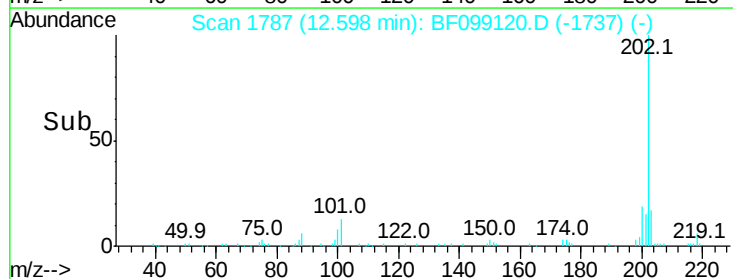
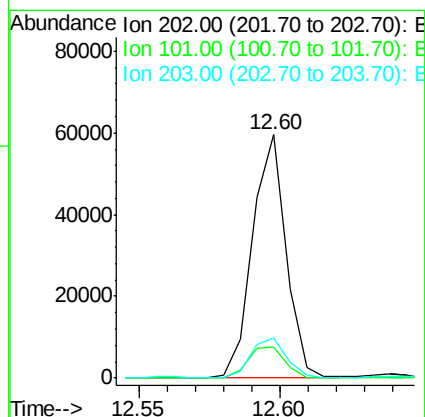
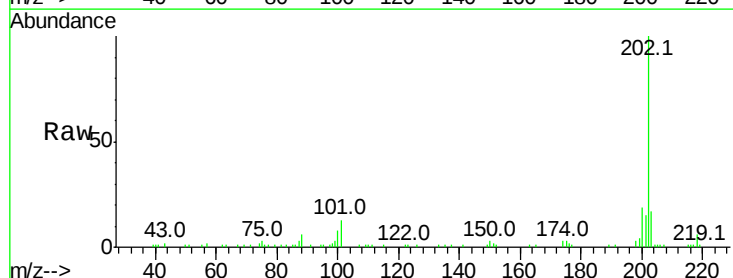
Manual Integrations
APPROVED

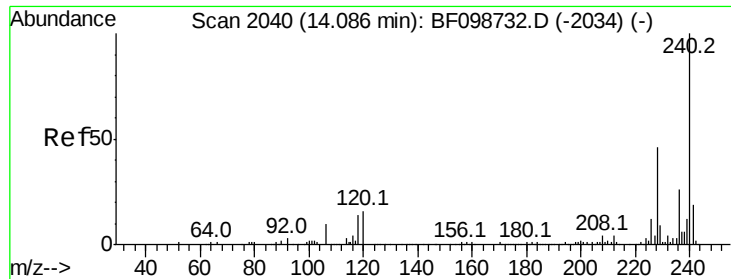
Sohil
10/6/2017 5:35:00 PM



#74
Fluoranthene
Concen: 2.308 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF099120.D
Acq: 5 Oct 2017 23:06

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	0.0	34.1
203	16.6	0.0	38.1





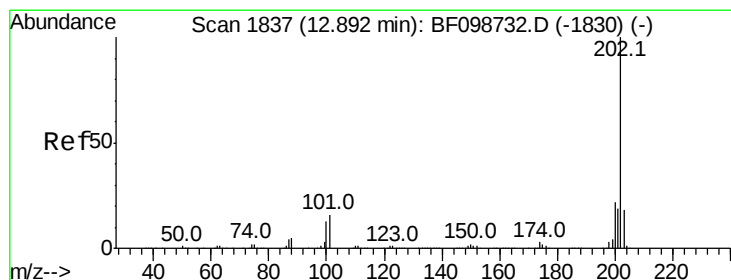
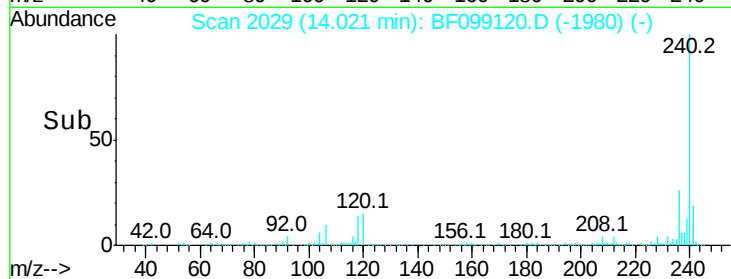
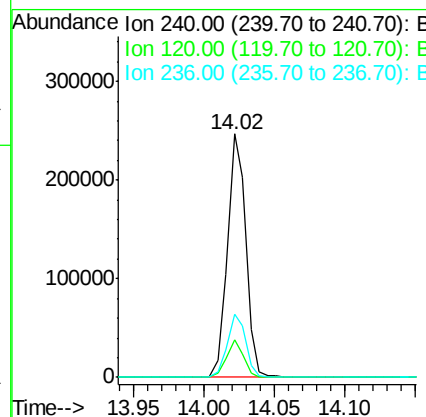
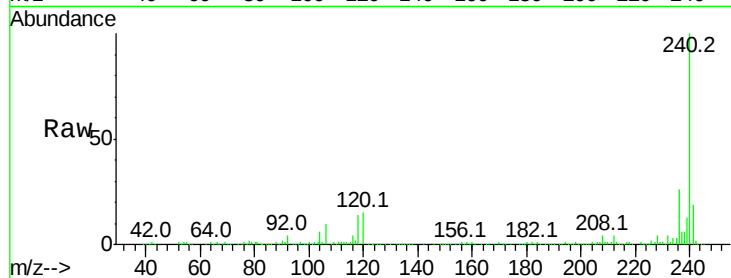
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099120.D
Acq: 5 Oct 2017 23:06

Instrument :
BNA_F
ClientSampleId :
G68-0-1.5

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3
236	25.9	20.7	31.1

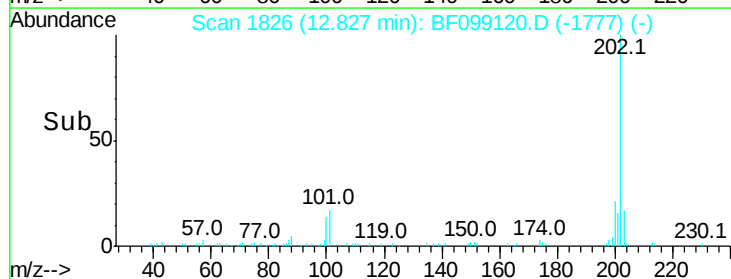
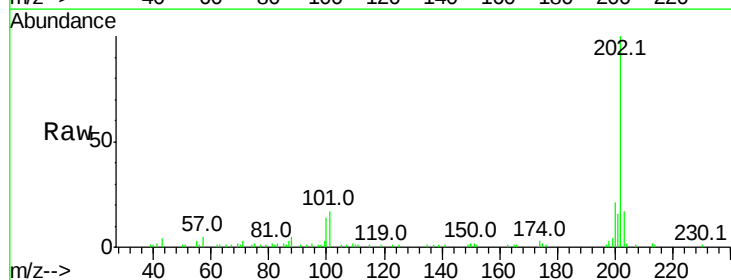
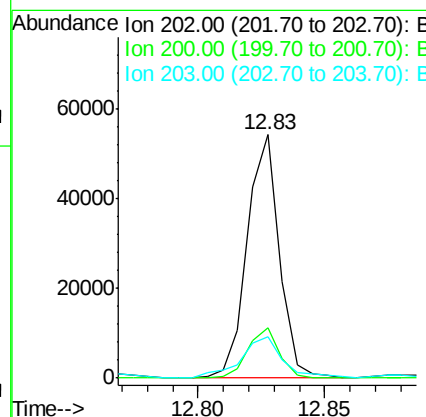
Manual Integrations
APPROVED

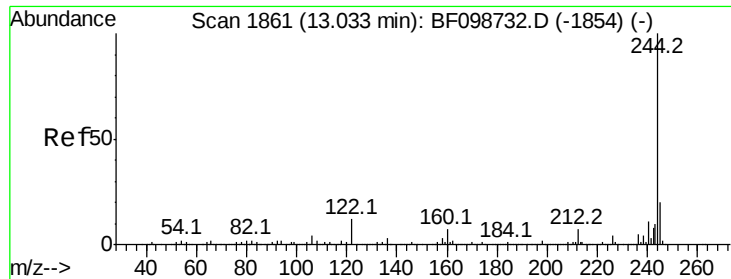
Sohil
10/6/2017 5:35:00 PM



#77
Pyrene
Concen: 2.809 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF099120.D
Acq: 5 Oct 2017 23:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.1	14.3	21.5





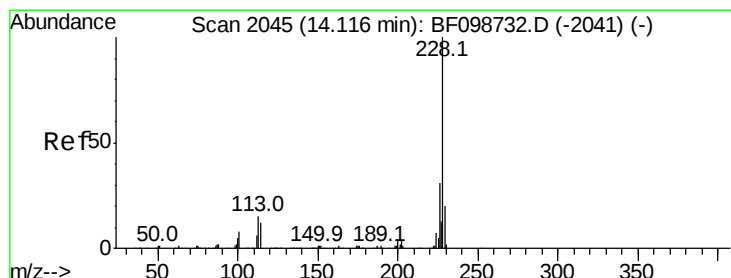
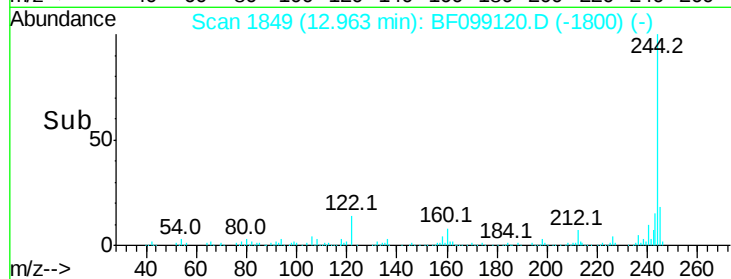
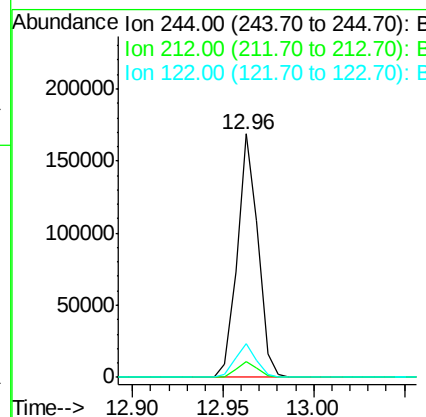
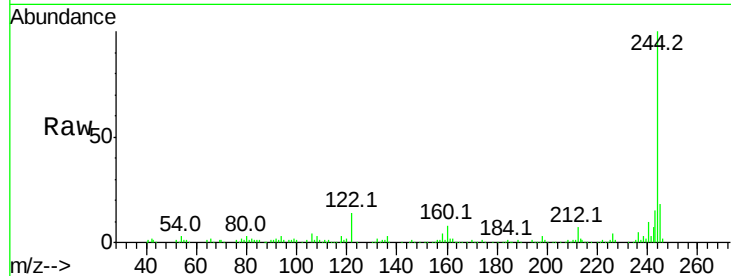
#78
 Terphenyl-d14
 Concen: 13.611 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF099120.D
 Acq: 5 Oct 2017 23:06

Instrument :
 BNA_F
 ClientSampleId :
 G68-0-1.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.9	11.0	16.4

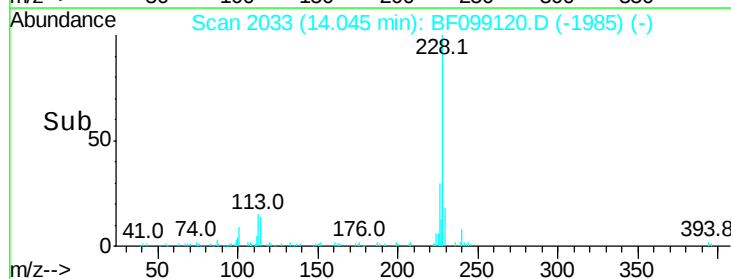
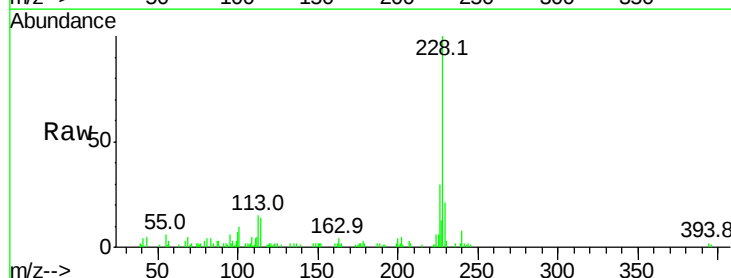
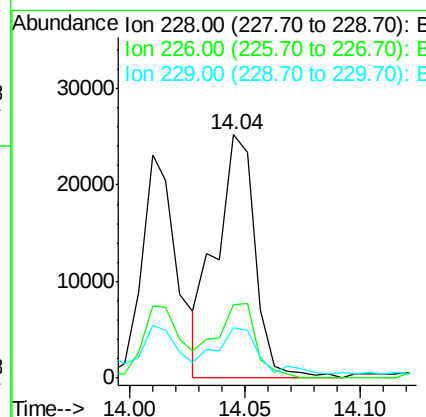
Manual Integrations
 APPROVED

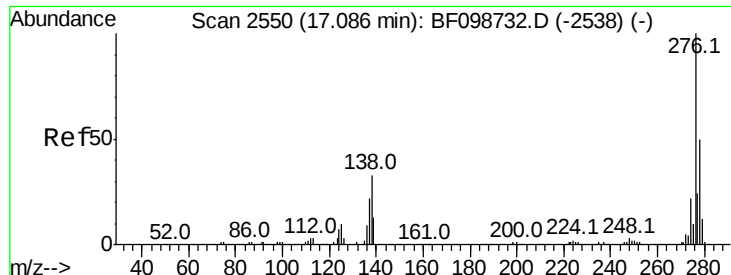
Sohil
 10/6/2017 5:35:00 PM



#82
 Chrysene
 Concen: 2.303 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.02 min
 Lab File: BF099120.D
 Acq: 5 Oct 2017 23:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	20.6	16.2	24.4





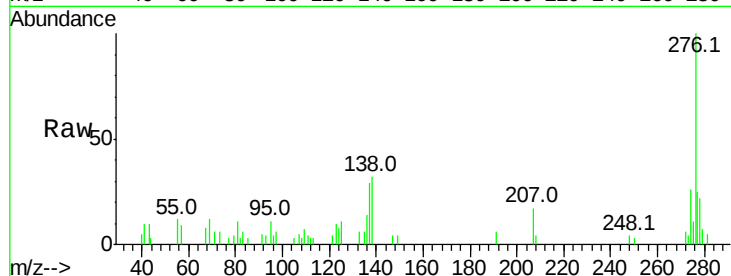
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.040 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF099120.D
Acq: 5 Oct 2017 23:06

Instrument :
BNA_F
ClientSampled :
G68-0-1.5

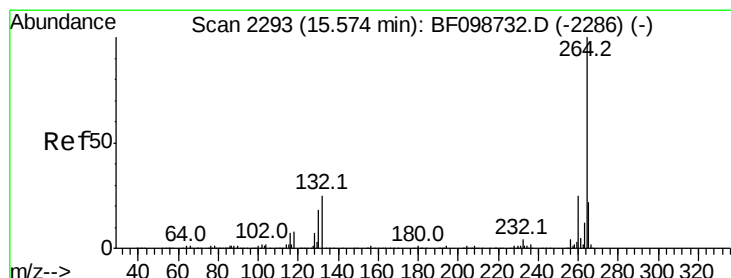
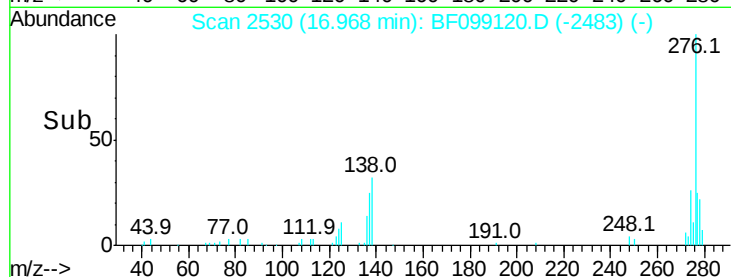
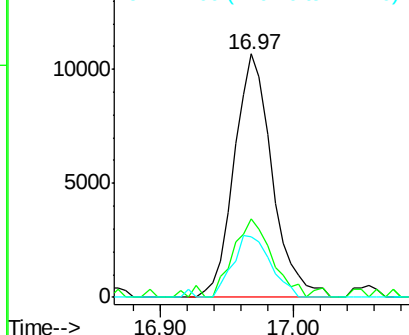
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.0	37.6
277	25.3	20.1	30.1

Manual Integrations
APPROVED

Sohil
10/6/2017 5:35:00 PM

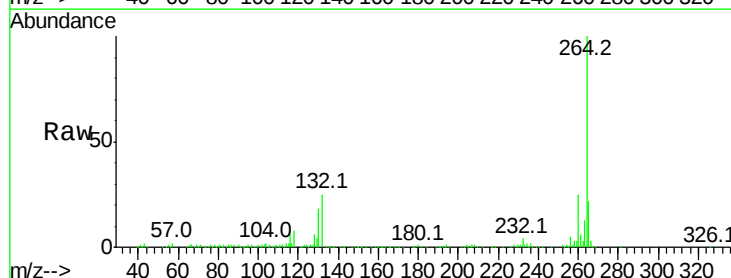


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

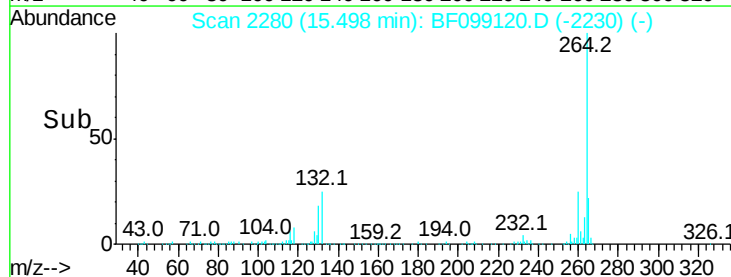
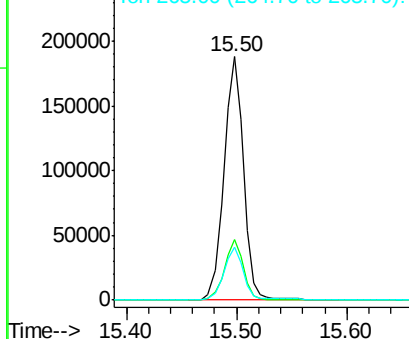


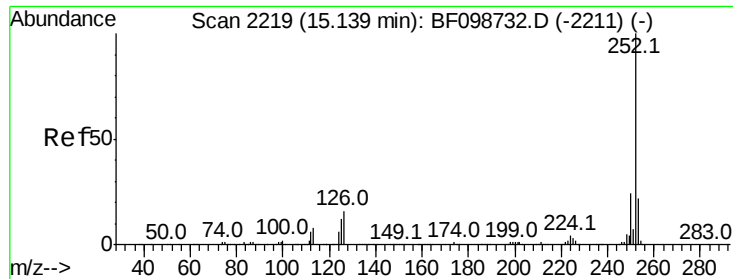
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF099120.D
Acq: 5 Oct 2017 23:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	17.5	26.3



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





#87
 Benzo(b)fluoranthene
 Concen: 3.746 ng/ml
 RT: 15.06 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BF099120.D
 Acq: 5 Oct 2017 23:06

Instrument :
 BNA_F
 ClientSampleId :
 G68-0-1.5

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	17.0	25.6
125	14.5	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 10/6/2017 5:35:00 PM

