

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098881.D
 Acq On : 27 Sep 2017 23:52
 Operator : SJ/JU
 Sample : I5445-07 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-092617-C

Manual Integrations
 APPROVED

Sohil
 9/28/2017 2:32:29 PM

Quant Time: Sep 28 05:54:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	140290	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	566386	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	235866	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	379816	20.00	ng	0.00
75) Chrysene-d12	14.08	240	302862	20.00	ng	0.00
86) Perylene-d12	15.57	264	225117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	220035	24.97	ng	-0.02
7) Phenol-d6	6.53	99	267539	24.61	ng	-0.02
23) Nitrobenzene-d5	7.47	82	155554	17.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	40546	21.01	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	302811	21.43	ng	-0.01
78) Terphenyl-d14	13.02	244	233369	17.52	ng	-0.01

Target Compounds Qvalue

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

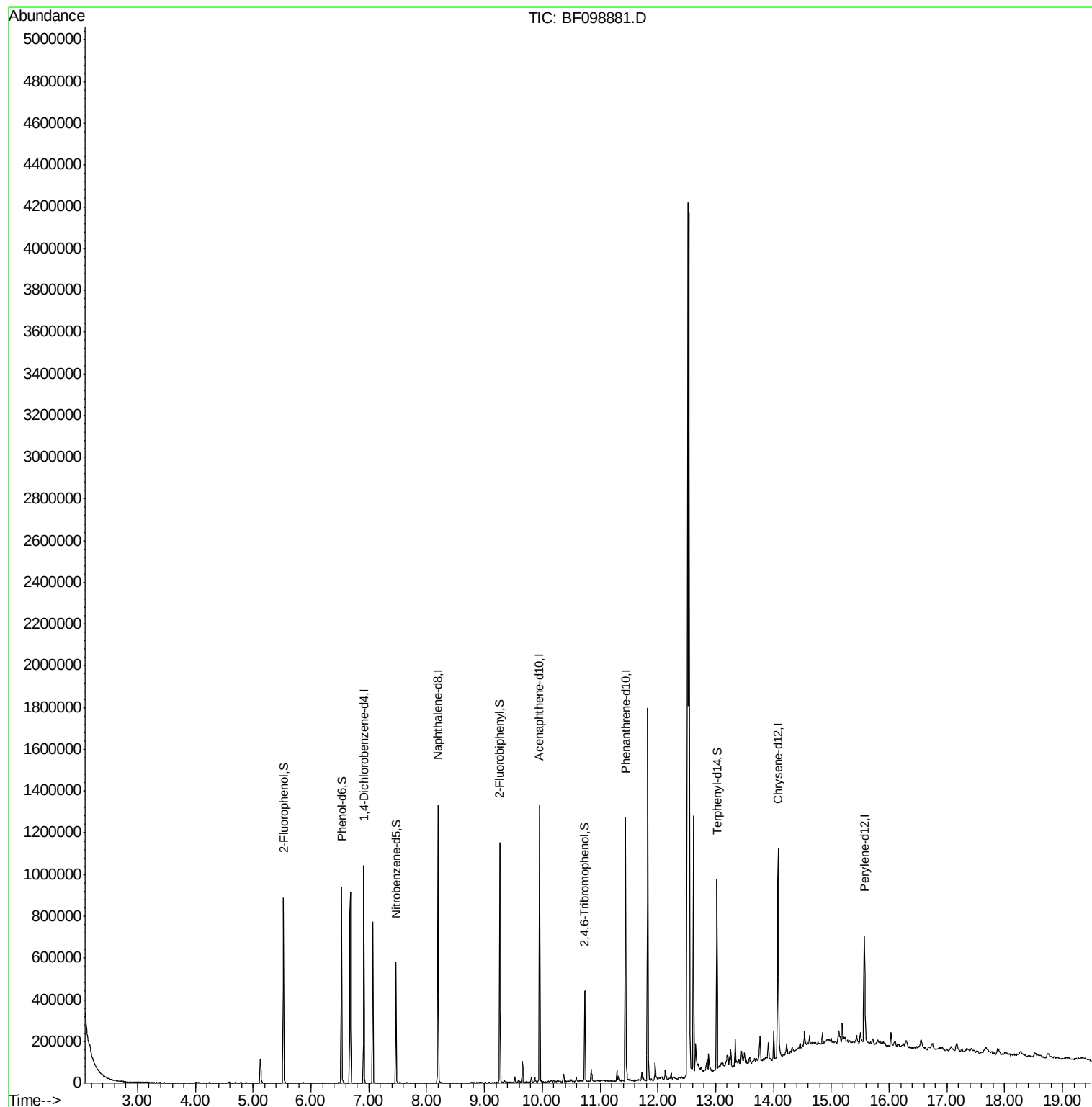
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098881.D
Acq On : 27 Sep 2017 23:52
Operator : SJ/JU
Sample : I5445-07 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

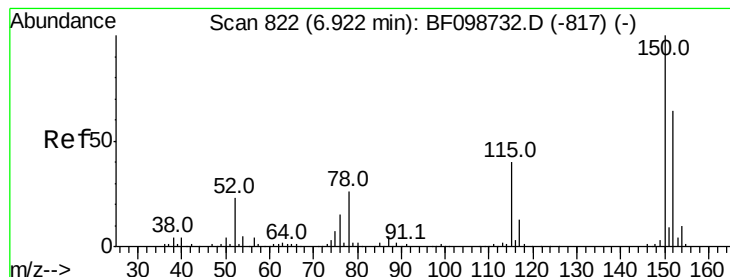
Instrument :
BNA_F
ClientSampleId :
AU-05-092617-C

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:29 PM

Quant Time: Sep 28 05:54:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration





#1

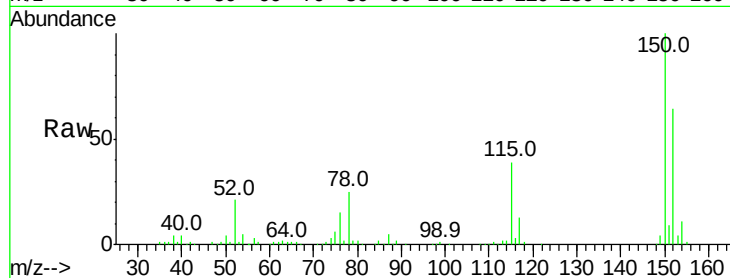
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098881.D
Acq: 27 Sep 2017 23:52

Instrument :
BNA_F
ClientSampleId :
AU-05-092617-C

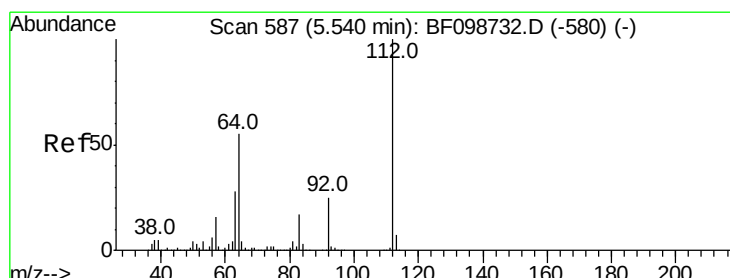
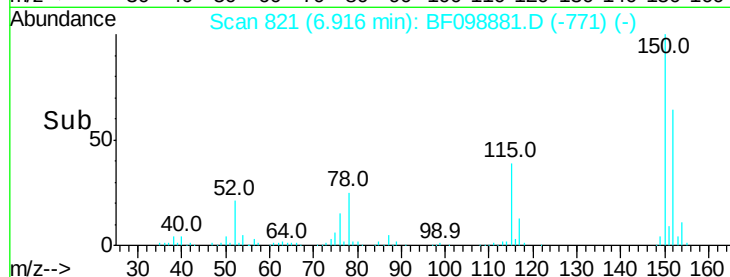
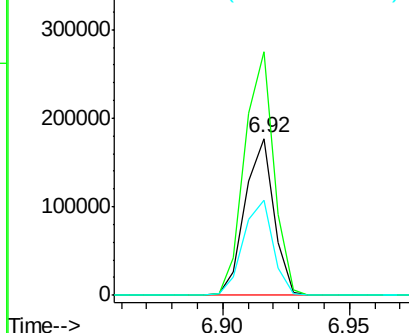
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	61.0	50.1	75.1

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:29 PM



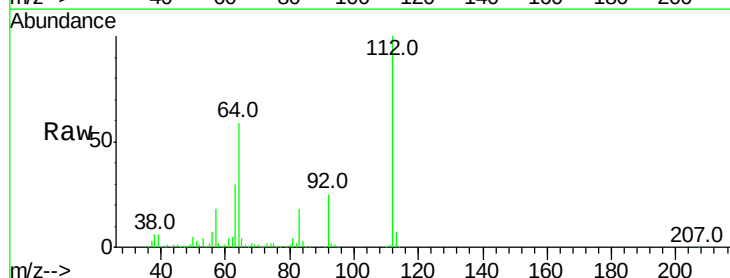
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



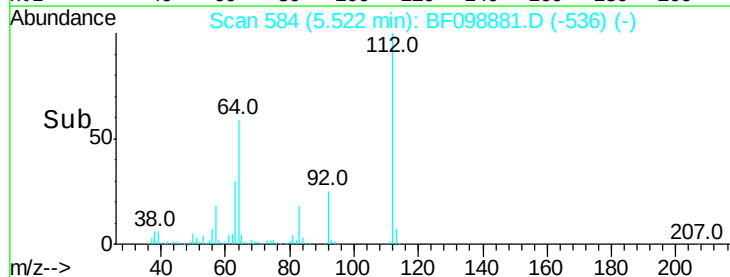
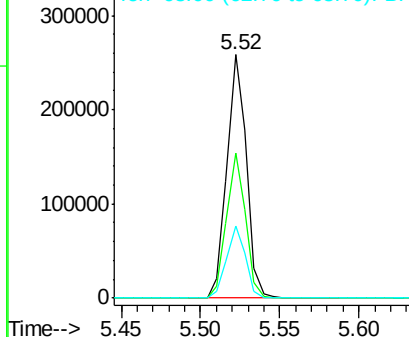
#5

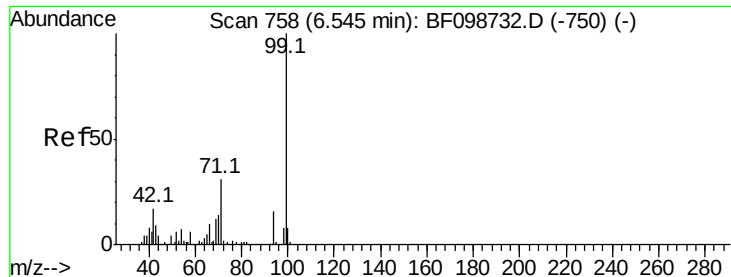
2-Fluorophenol
Concen: 24.968 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098881.D
Acq: 27 Sep 2017 23:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	29.8	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: 24.609 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098881.D

Acq: 27 Sep 2017 23:52

Instrument :

BNA_F

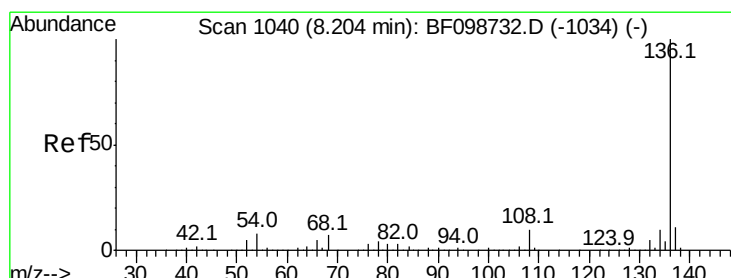
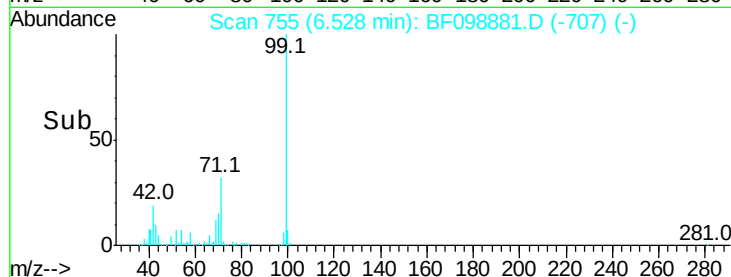
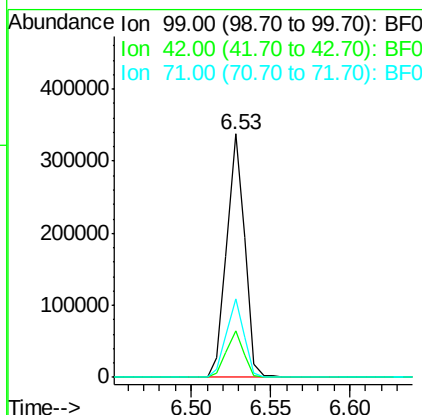
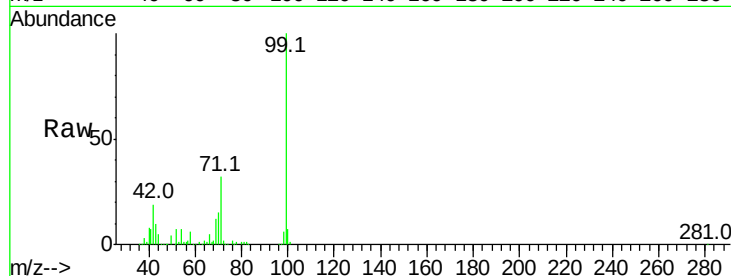
ClientSampleId :

AU-05-092617-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		267539		
42	19.1	14.5	21.7		
71	32.5	25.4	38.0		

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:29 PM



#21

Naphthalene-d8

Concen: 20.000 ng

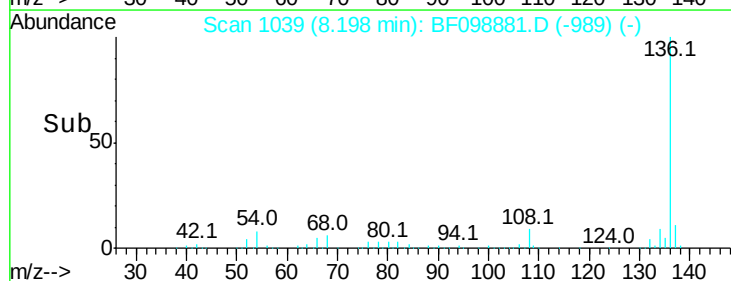
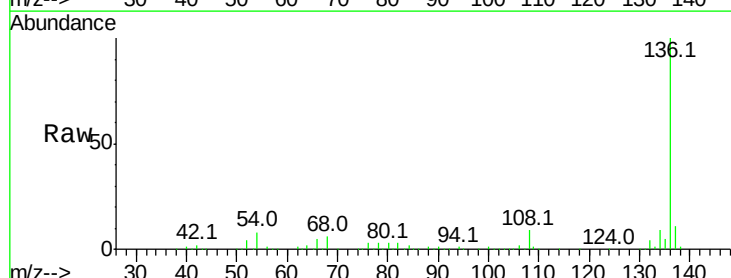
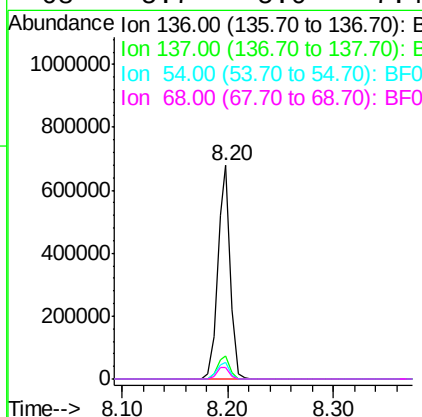
RT: 8.20 min Scan# 1039

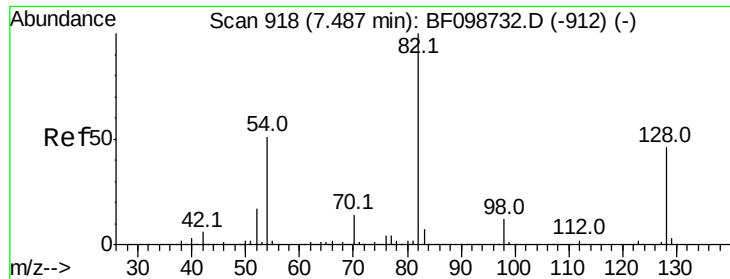
Delta R.T. -0.01 min

Lab File: BF098881.D

Acq: 27 Sep 2017 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		566386		
137	10.7	8.9	13.3		
54	7.7	6.6	9.8		
68	5.7	5.0	7.4		





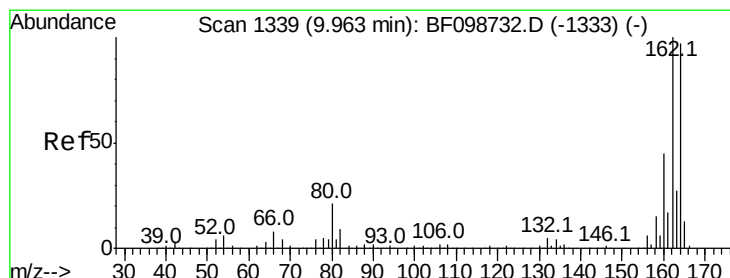
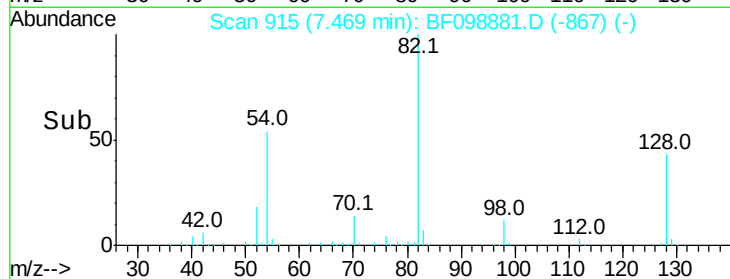
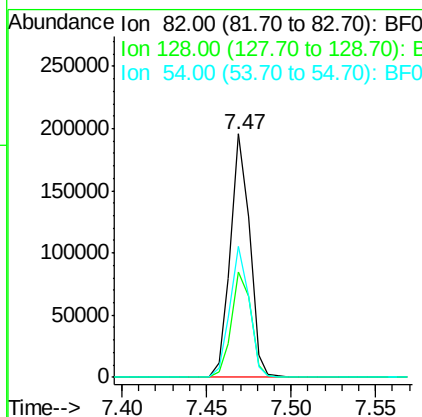
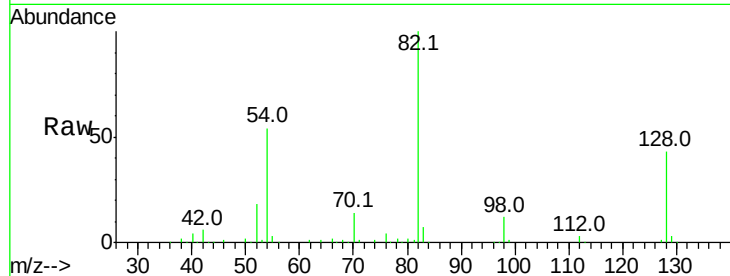
#23
 Nitrobenzene-d5
 Concen: 17.613 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF098881.D
 Acq: 27 Sep 2017 23:52

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-092617-C

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.2	36.1	54.1	
54	53.6	41.4	62.2	

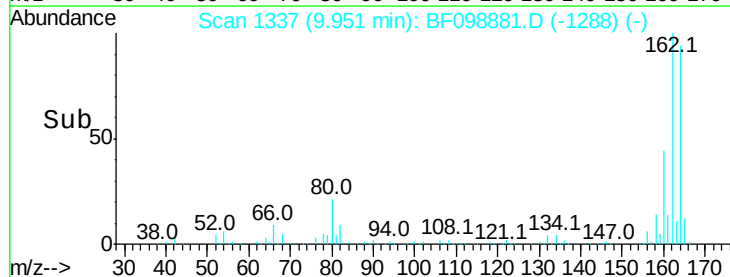
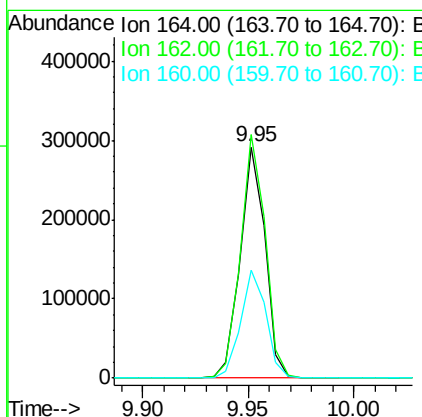
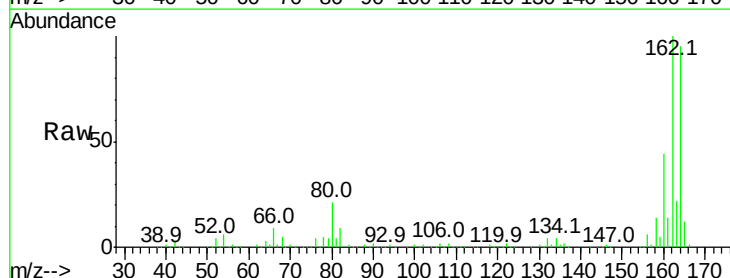
Manual Integrations
 APPROVED

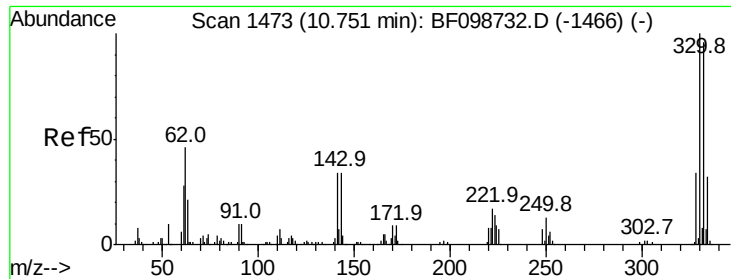
Sohil
 9/28/2017 2:32:29 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098881.D
 Acq: 27 Sep 2017 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.4	86.1	129.1	
160	46.8	38.3	57.5	





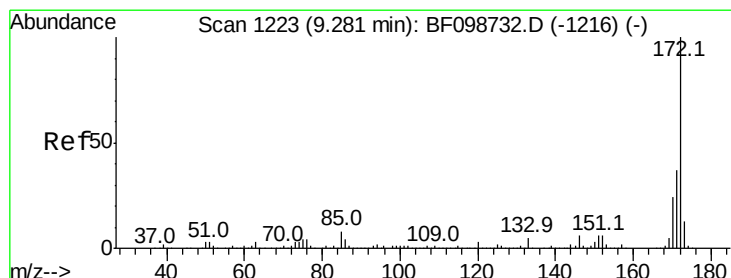
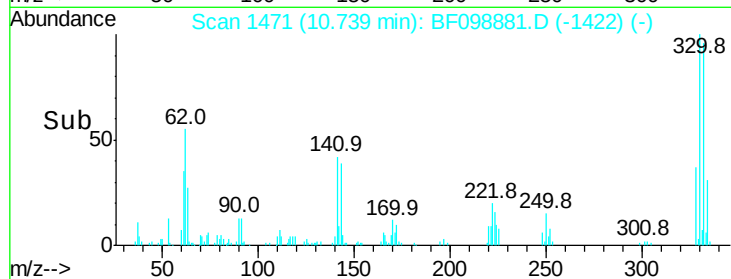
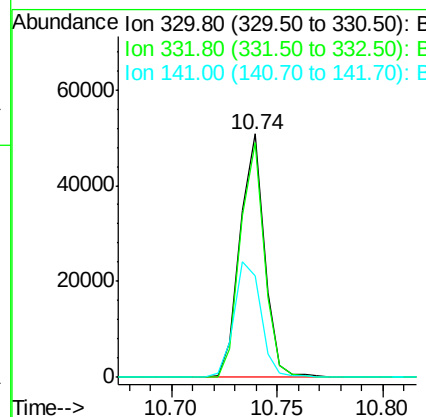
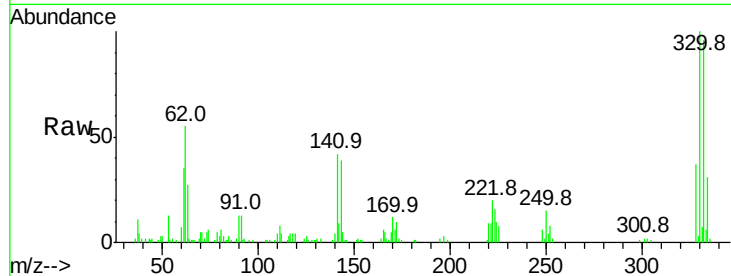
#41
 2,4,6-Tribromophenol
 Concen: 21.008 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098881.D
 Acq: 27 Sep 2017 23:52

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-092617-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	77.0	115.6	
141	52.6	29.9	44.9	

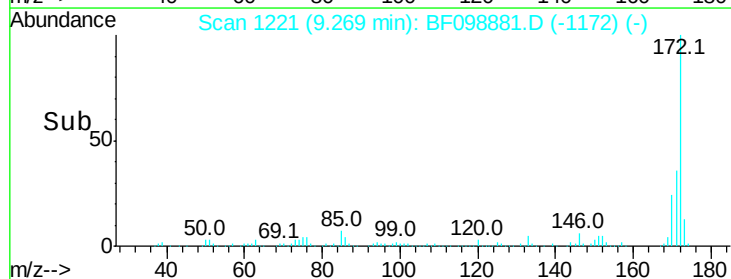
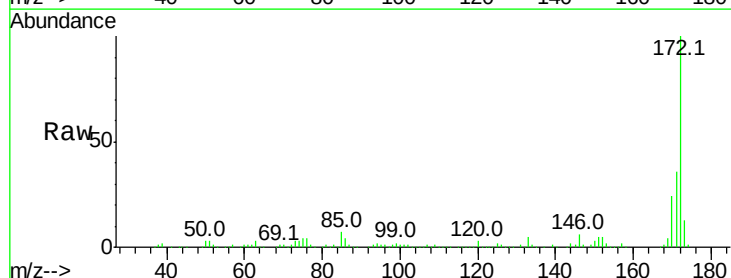
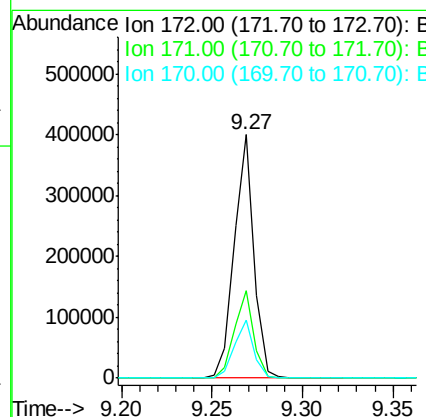
Manual Integrations
 APPROVED

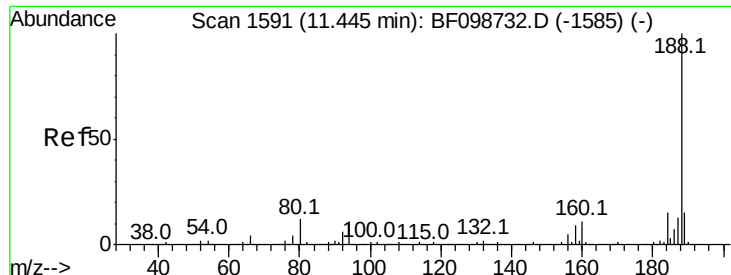
Sohil
 9/28/2017 2:32:29 PM



#44
 2-Fluorobiphenyl
 Concen: 21.432 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098881.D
 Acq: 27 Sep 2017 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.7	44.5	
170	24.0	19.6	29.4	





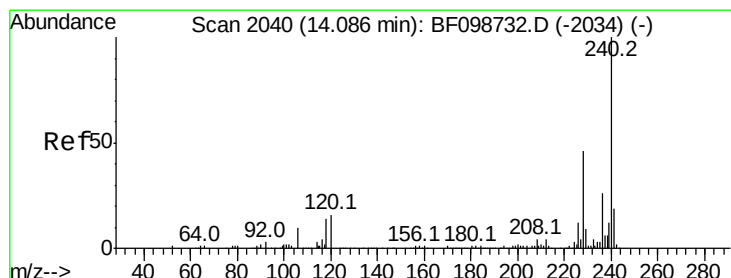
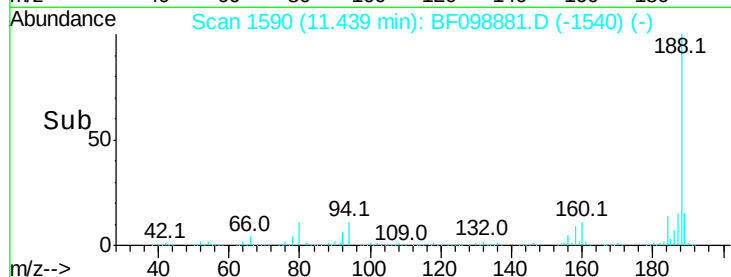
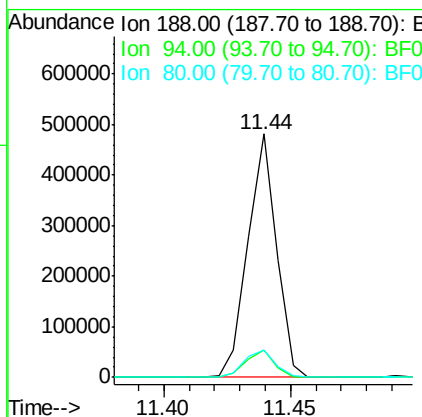
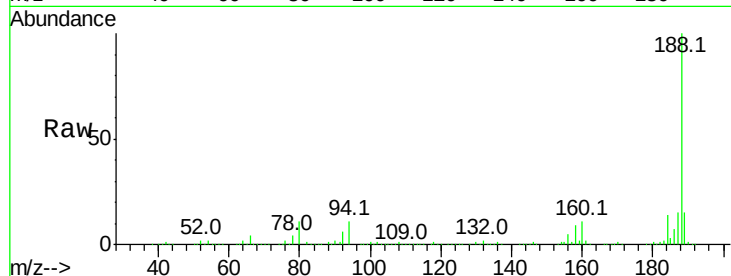
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098881.D
Acq: 27 Sep 2017 23:52

Instrument :
BNA_F
ClientSampleId :
AU-05-092617-C

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1	8.5	12.7	
80	11.4	9.2	13.8	

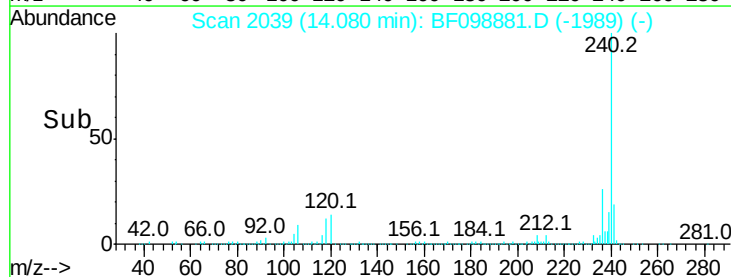
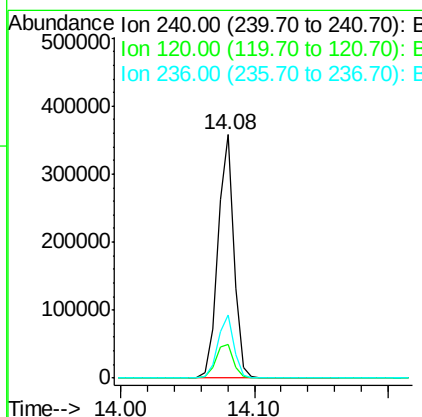
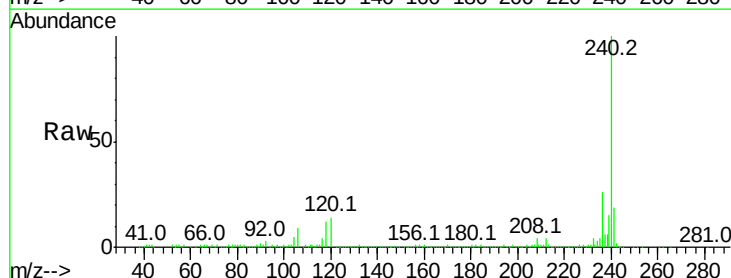
Manual Integrations
APPROVED

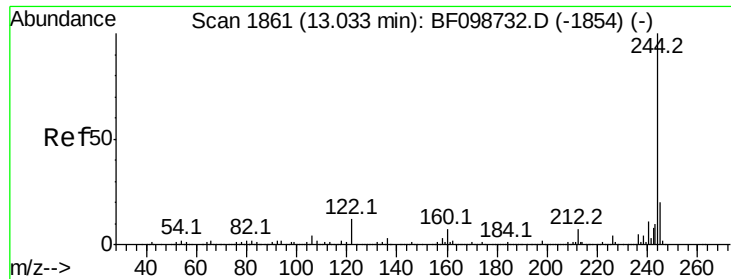
Sohil
9/28/2017 2:32:29 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098881.D
Acq: 27 Sep 2017 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.8	9.5	14.3	
236	25.8	20.7	31.1	





#78

Terphenyl-d14

Concen: 17.524 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098881.D

Acq: 27 Sep 2017 23:52

Instrument :

BNA_F

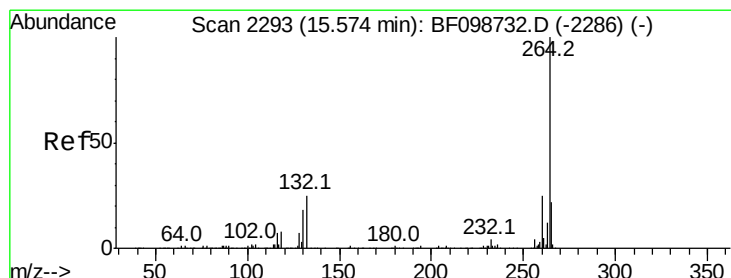
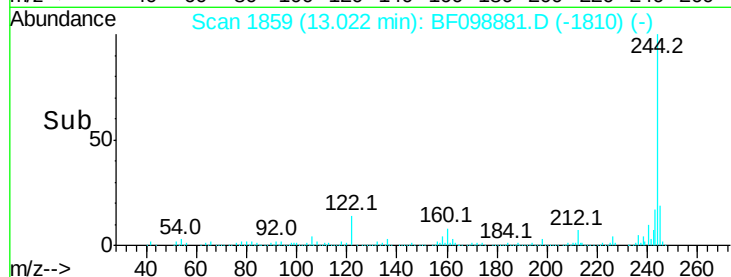
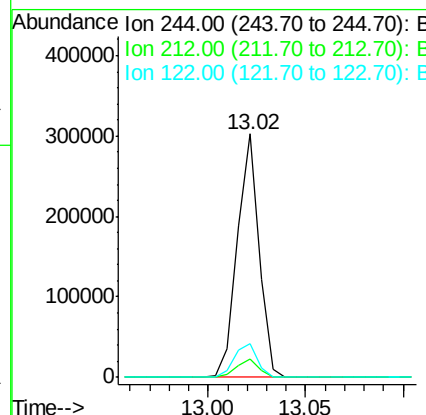
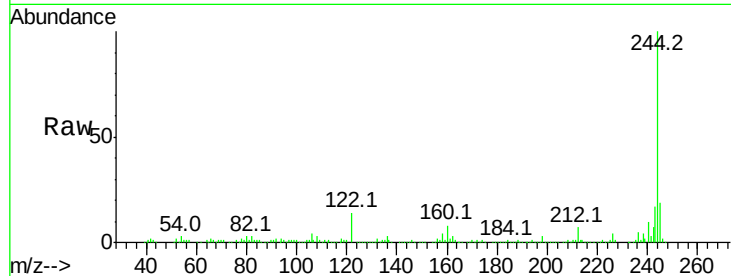
ClientSampleId :

AU-05-092617-C

Tot Ion:	244	Resp:	233369
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.4	8.0
122	13.9	11.0	16.4

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:29 PM



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BF098881.D

Acq: 27 Sep 2017 23:52

Tgt Ion:	264	Resp:	225117
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	21.0	17.5	26.3

