

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100899.D
 Acq On : 27 Nov 2017 18:28
 Operator : SJ/JU
 Sample : I6548-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAU-4-E(4-5)

Manual Integrations
 APPROVED

Sohil
 11/28/2017 2:45:45 PM

Quant Time: Nov 28 06:56:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	72685	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	283628	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	127451	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	210211	20.00	ng	0.00
75) Chrysene-d12	14.02	240	155891	20.00	ng	0.00
86) Perylene-d12	15.49	264	148610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	350056	77.20	ng	0.00
7) Phenol-d6	6.49	99	432076	77.27	ng	0.00
23) Nitrobenzene-d5	7.42	82	258825	60.33	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	113324	87.26	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	566339	67.66	ng	0.00
78) Terphenyl-d14	12.97	244	420108	61.92	ng	0.00
Target Compounds						
10) Phenol	6.50	94	14649	2.496	ng	99
49) Dimethylphthalate	9.60	163	42289	4.346	ng	99
70) Phenanthrene	11.40	178	39091	3.532	ng	98
74) Fluoranthene	12.59	202	57352	4.889	ng	98
77) Pyrene	12.82	202	57306	5.157	ng	99
80) Benzo(a)anthracene	14.01	228	30536m	3.253	ng	
82) Chrysene	14.04	228	30072	3.308	ng	98
87) Benzo(b)fluoranthene	15.06	252	29955m	3.402	ng	
89) Benzo(a)pyrene	15.43	252	19182	2.458	ng	# 90

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

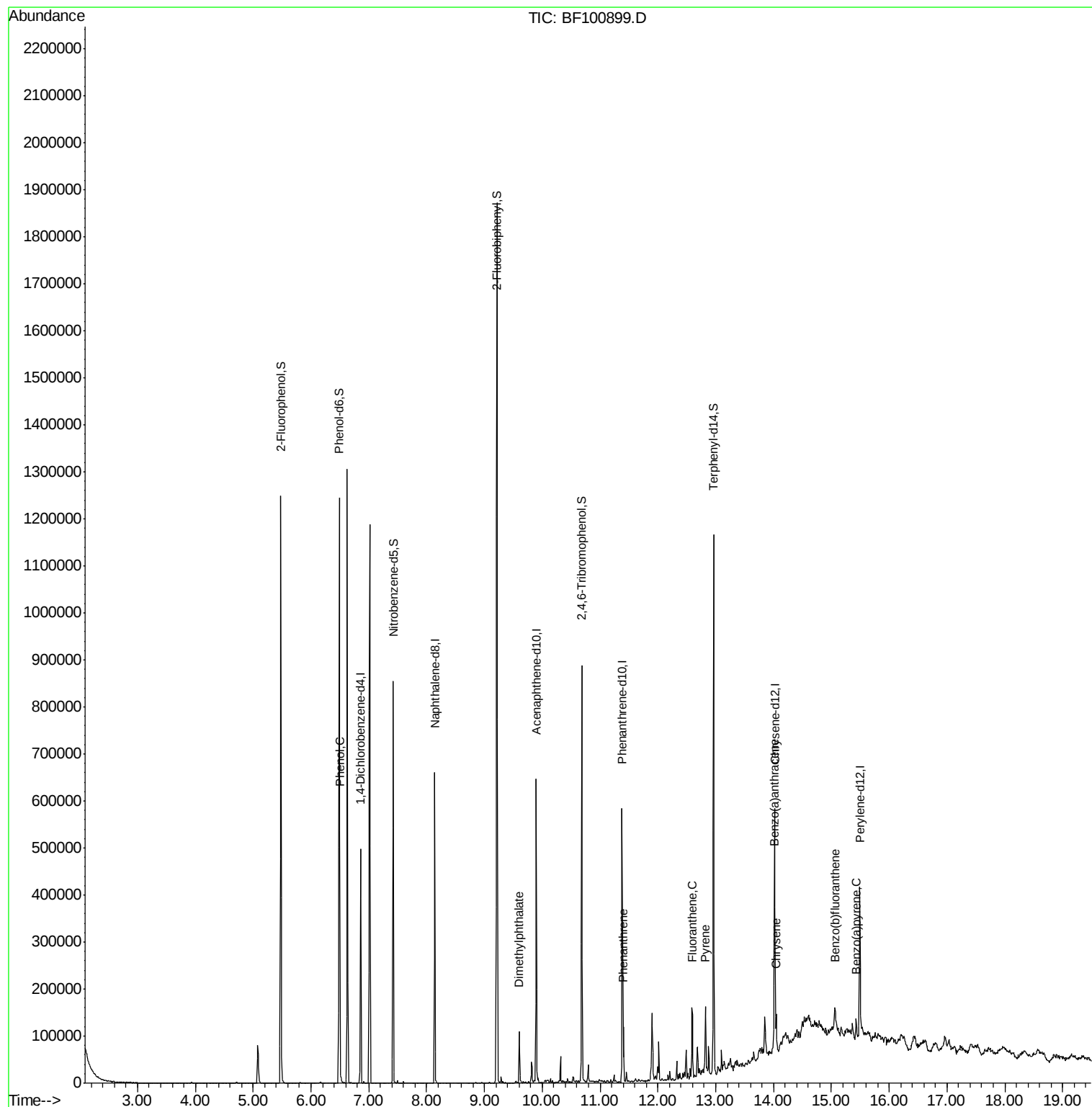
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100899.D
Acq On : 27 Nov 2017 18:28
Operator : SJ/JU
Sample : I6548-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

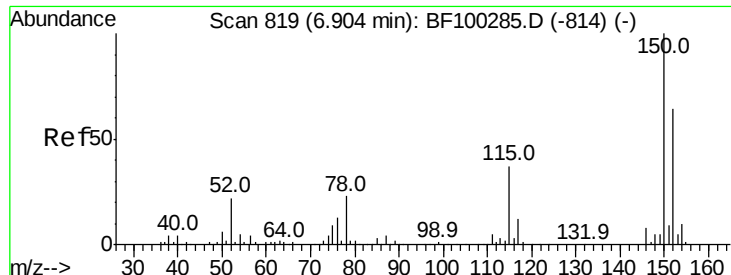
Instrument :
BNA_F
ClientSampleId :
SAU-4-E(4-5)

Manual Integrations
APPROVED

Sohil
11/28/2017 2:45:45 PM

Quant Time: Nov 28 06:56:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 14:11:25 2017
Response via : Initial Calibration





#1

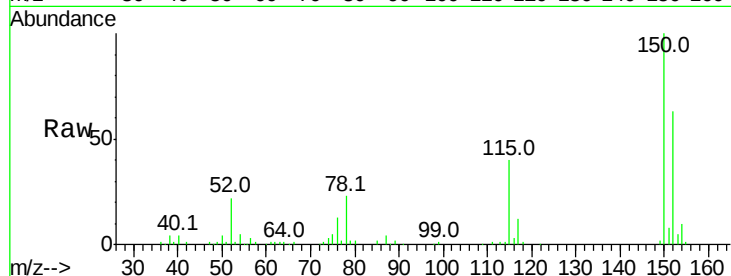
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100899.D
Acq: 27 Nov 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SAU-4-E(4-5)

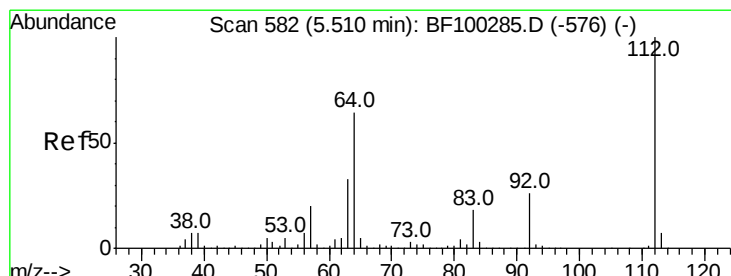
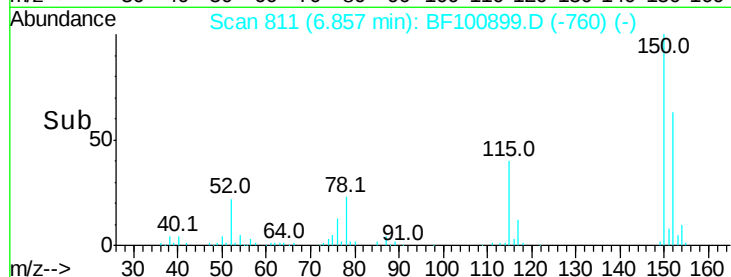
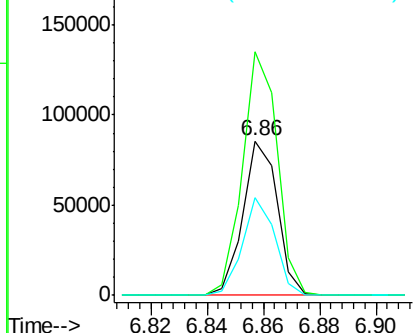
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	63.4	50.1	75.1

Manual Integrations
APPROVED

Sohil
11/28/2017 2:45:45 PM



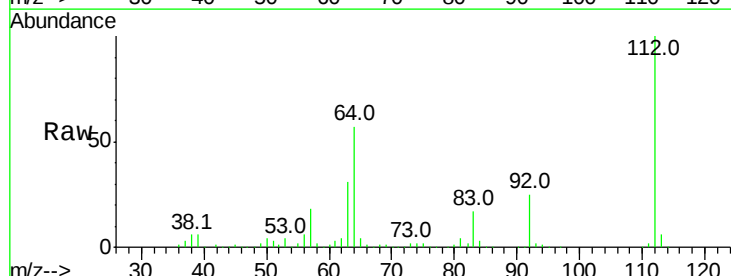
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



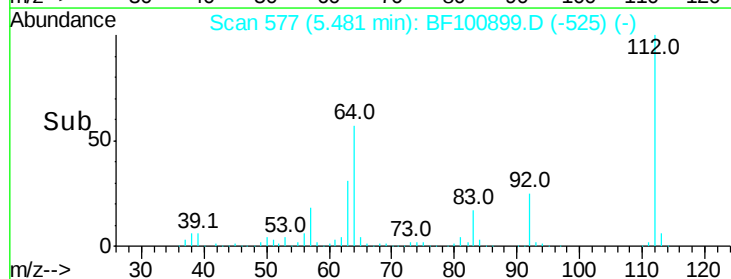
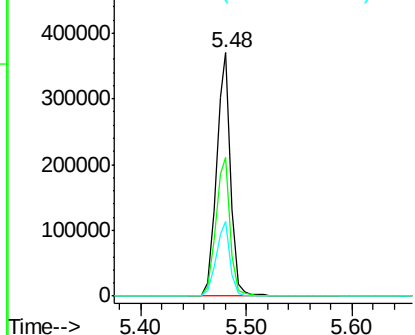
#5

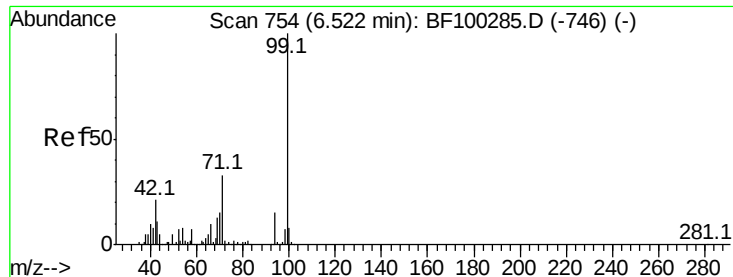
2-Fluorophenol
Concen: 77.201 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100899.D
Acq: 27 Nov 2017 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	30.6	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: 77.274 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100899.D

Acq: 27 Nov 2017 18:28

Instrument :

BNA_F

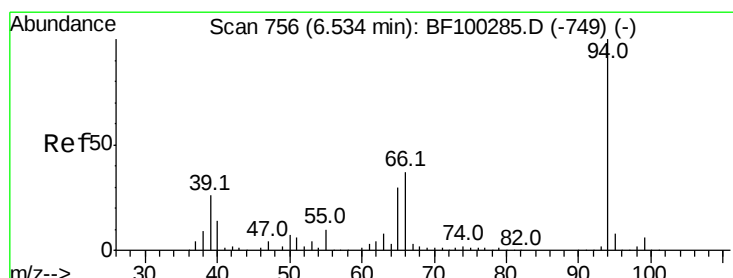
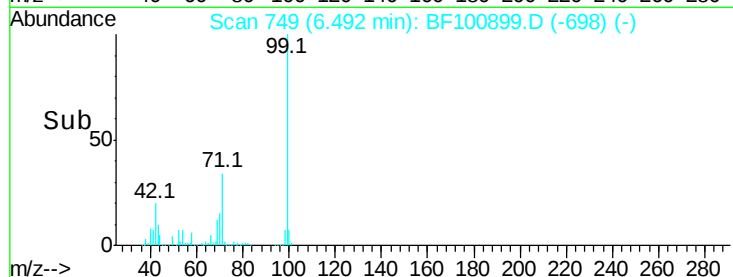
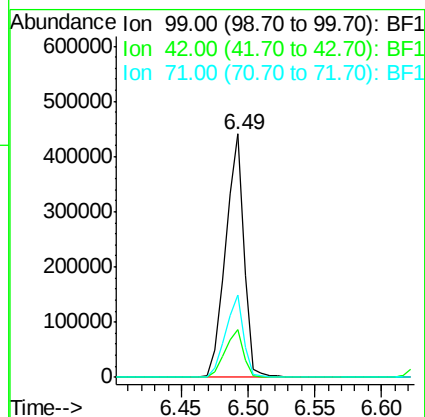
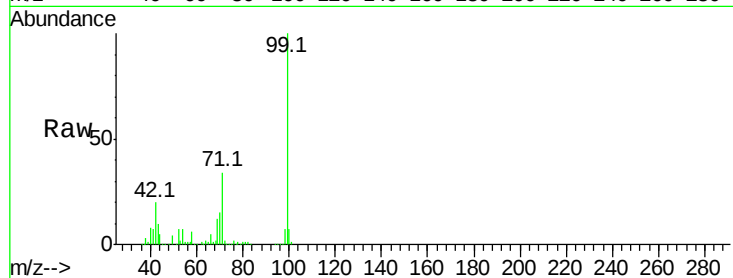
ClientSampleId :

SAU-4-E(4-5)

Tot Ion:	99	Resp:	432076
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	34.0	25.4	38.0

Manual Integrations
APPROVED

Sohil
11/28/2017 2:45:45 PM



#10

Phenol

Concen: 2.496 ng

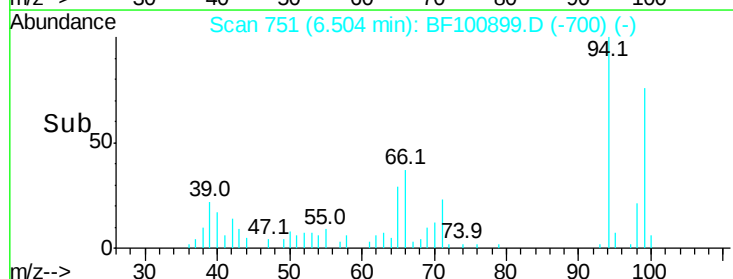
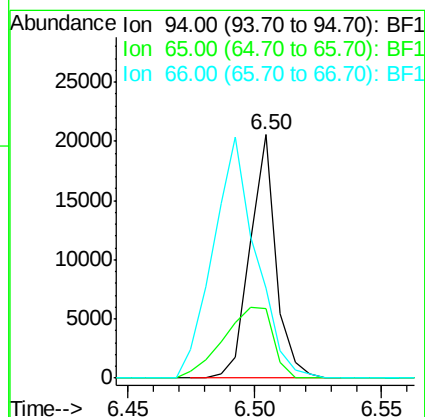
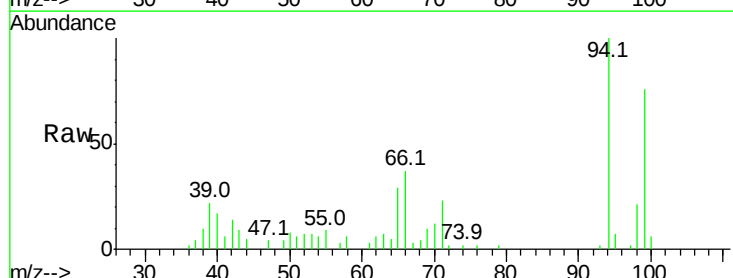
RT: 6.50 min Scan# 751

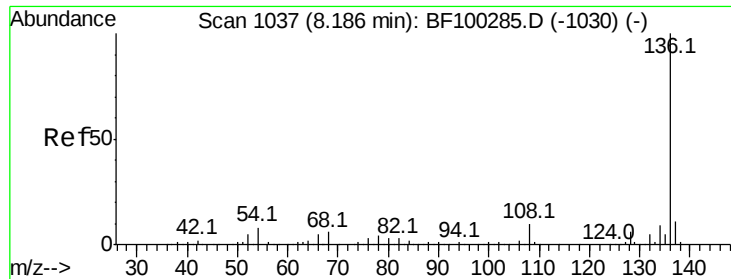
Delta R.T. -0.00 min

Lab File: BF100899.D

Acq: 27 Nov 2017 18:28

Tgt Ion:	94	Resp:	14649
Ion	Ratio	Lower	Upper
94	100		
65	28.8	7.9	47.9
66	36.8	16.2	56.2





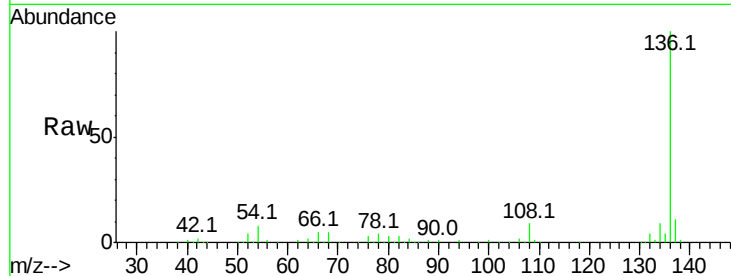
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100899.D
Acq: 27 Nov 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SAU-4-E(4-5)

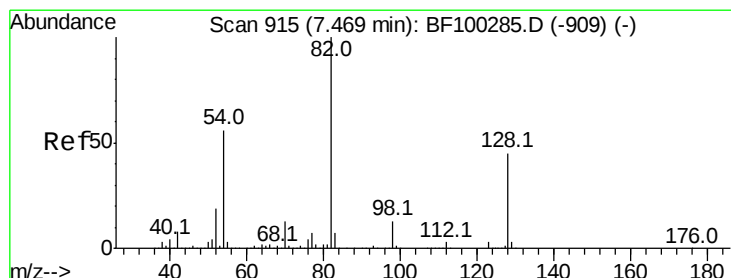
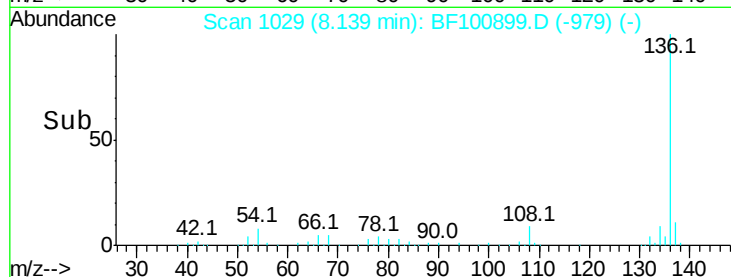
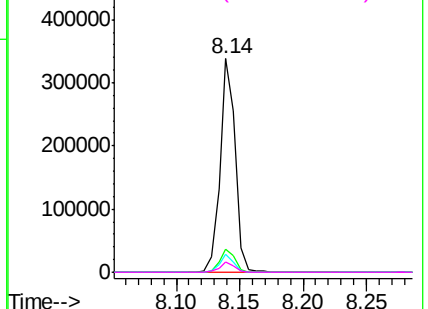
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	8.3	6.6	9.8	
68	5.1	5.0	7.4	

Manual Integrations
APPROVED

Sohil
11/28/2017 2:45:45 PM



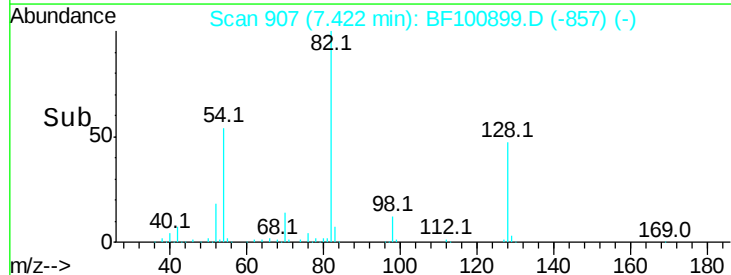
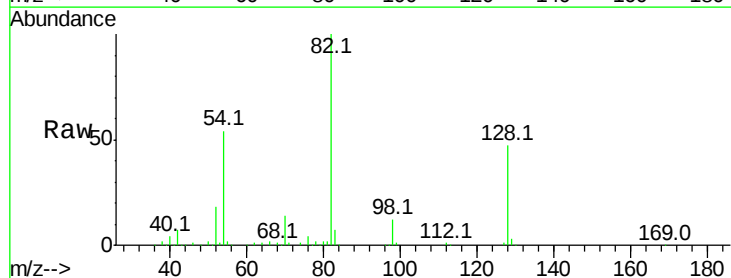
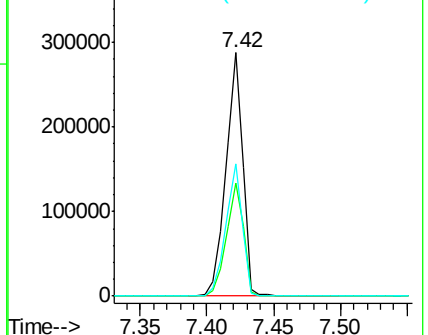
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

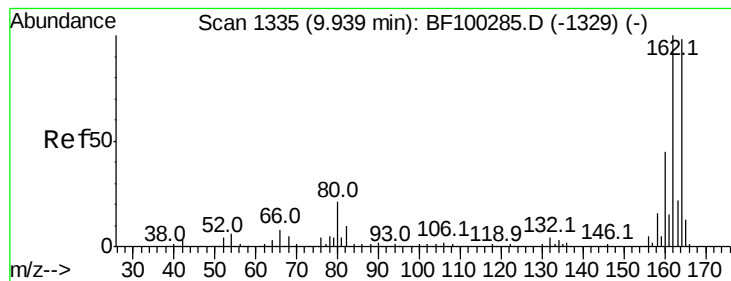


#23
Nitrobenzene-d5
Concen: 60.332 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100899.D
Acq: 27 Nov 2017 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.6	36.1	54.1	
54	54.1	41.4	62.2	

Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BF100899.D

Acq: 27 Nov 2017 18:28

Instrument :

BNA_F

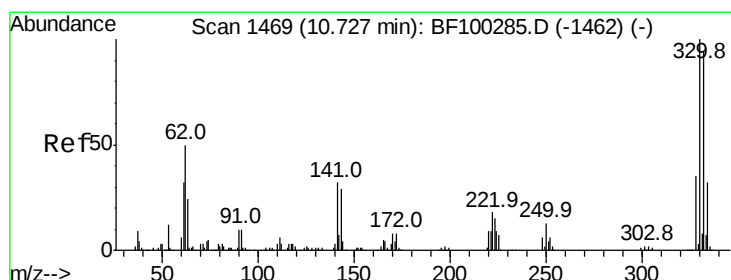
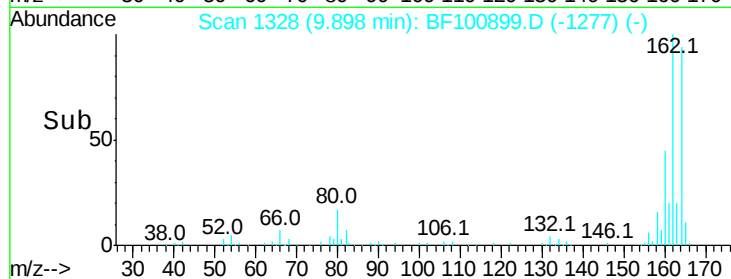
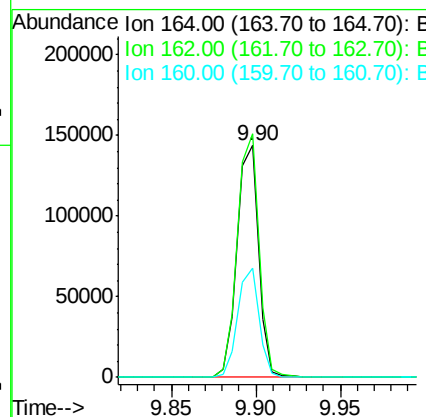
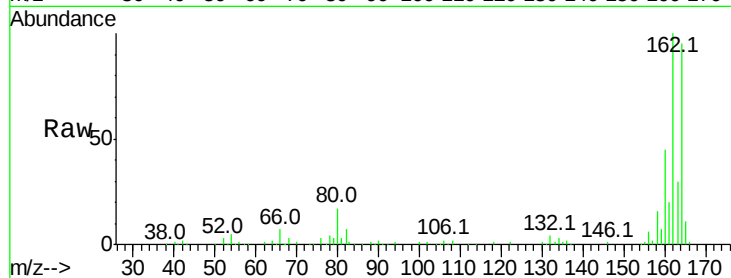
ClientSampleId :

SAU-4-E(4-5)

Tot Ion:	164	Resp:	127451
Ion Ratio	Lower	Upper	
164	100		
162	105.1	86.1	129.1
160	47.4	38.3	57.5

Manual Integrations
APPROVED

Sohil
11/28/2017 2:45:45 PM



#41

2,4,6-Tribromophenol

Concen: 87.258 ng

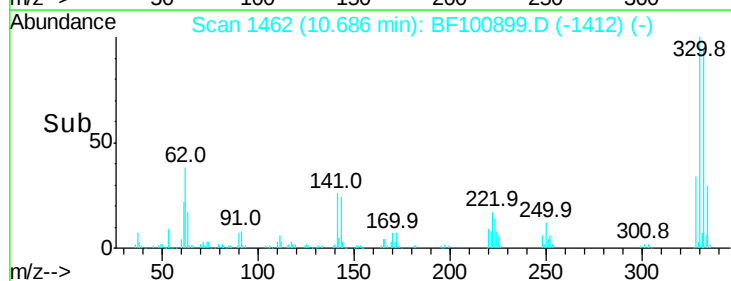
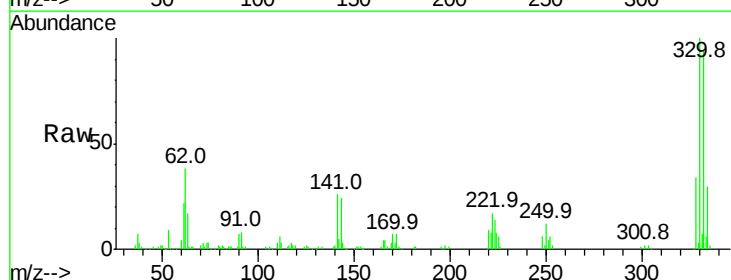
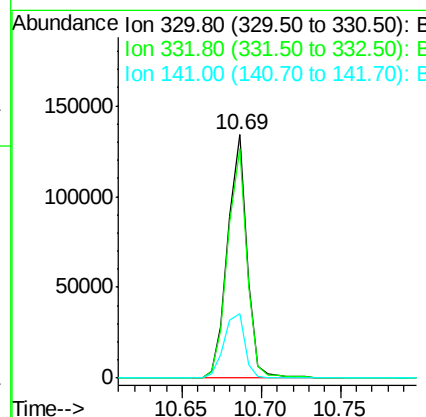
RT: 10.69 min Scan# 1462

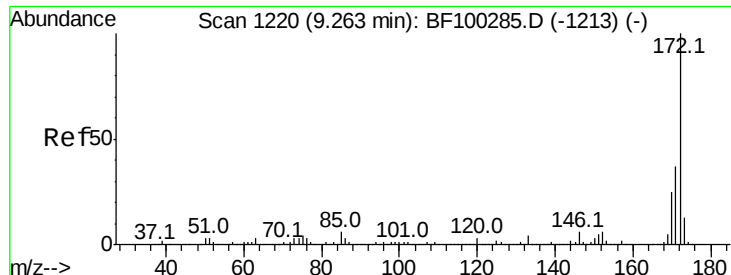
Delta R.T. -0.01 min

Lab File: BF100899.D

Acq: 27 Nov 2017 18:28

Tgt Ion:	330	Resp:	113324
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.0	115.6
141	29.1	29.9	44.9#





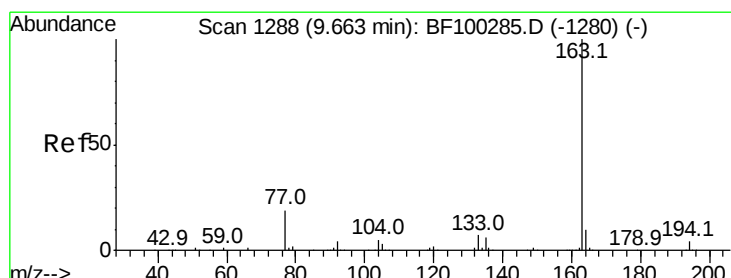
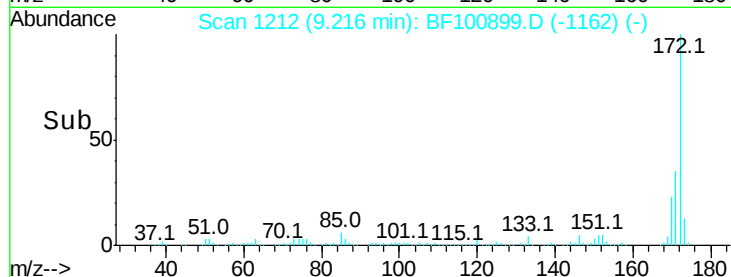
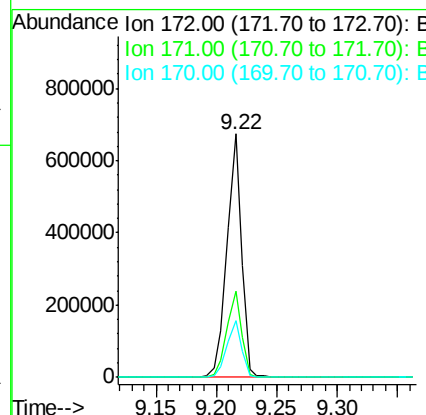
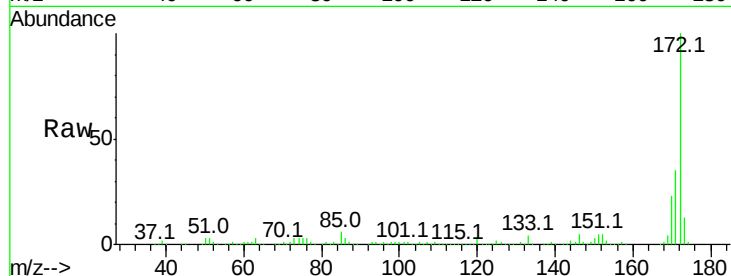
#44
2-Fluorobiphenyl
Concen: 67.663 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF100899.D
Acq: 27 Nov 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SAU-4-E(4-5)

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.2	29.7	44.5	
170	23.1	19.6	29.4	

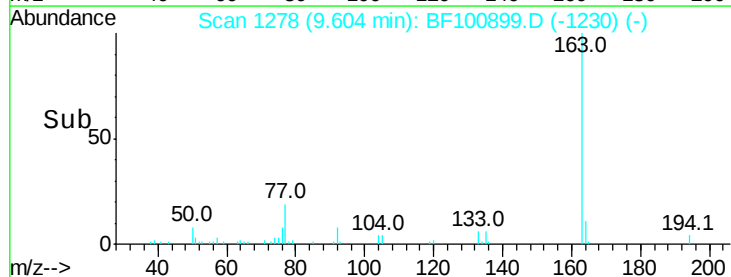
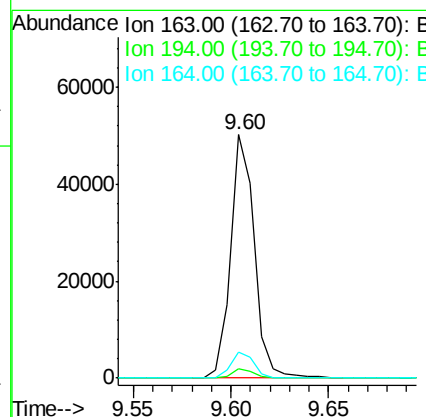
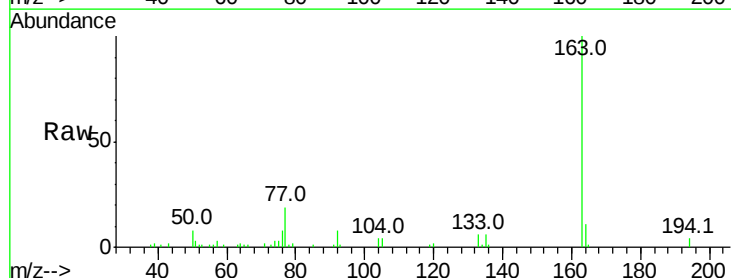
Manual Integrations
APPROVED

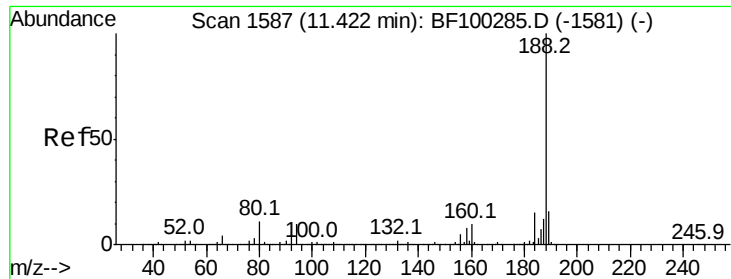
Sohil
11/28/2017 2:45:45 PM



#49
Dimethylphthalate
Concen: 4.346 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100899.D
Acq: 27 Nov 2017 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.7	4.1	
164	10.8	8.2	12.2	





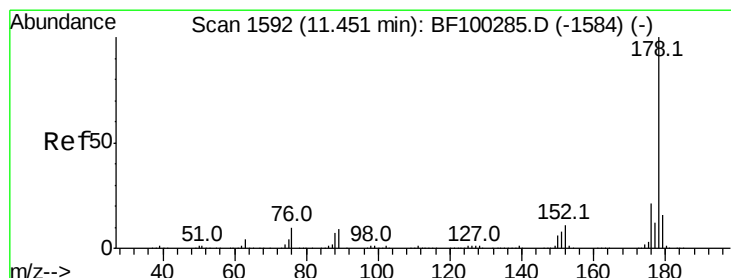
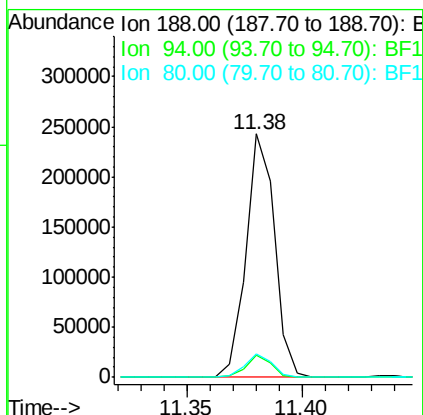
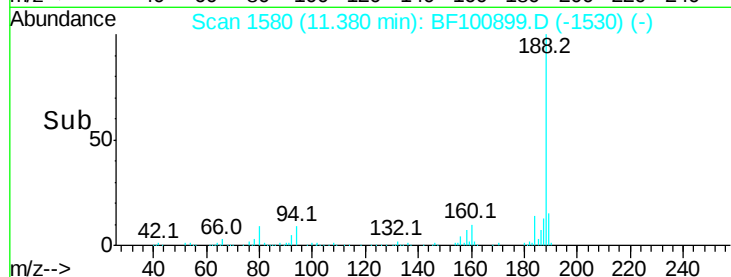
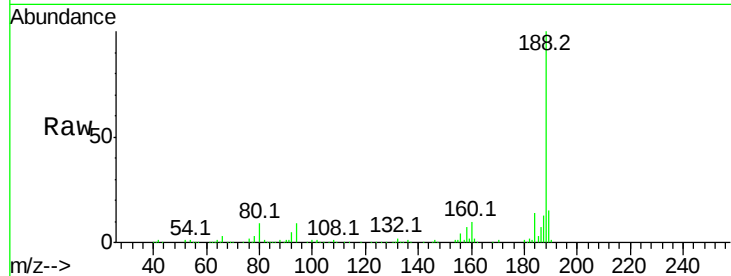
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100899.D
Acq: 27 Nov 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SAU-4-E(4-5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.4	9.2	13.8

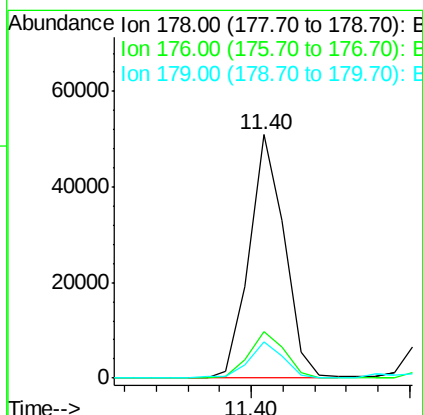
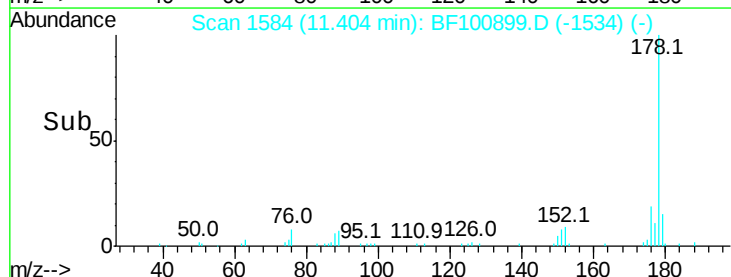
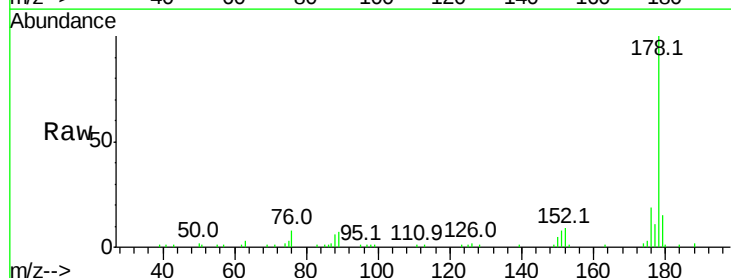
Manual Integrations
APPROVED

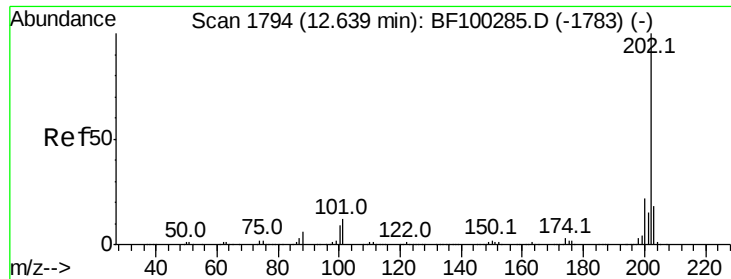
Sohil
11/28/2017 2:45:45 PM



#70
Phenanthrene
Concen: 3.532 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100899.D
Acq: 27 Nov 2017 18:28

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.1	13.0	19.6





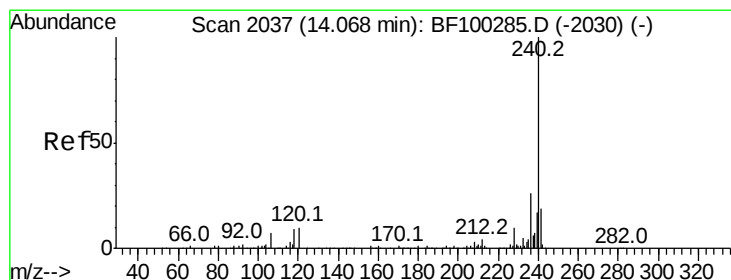
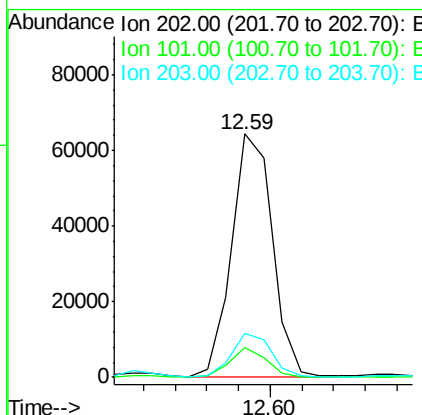
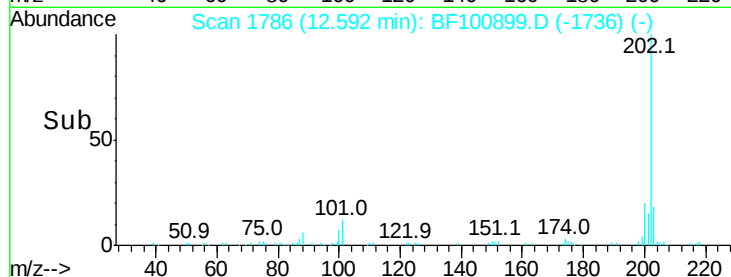
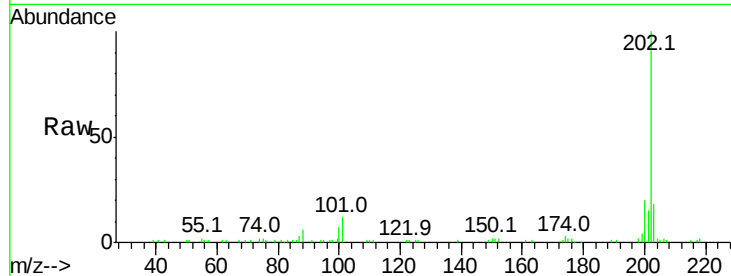
#74
Fluoranthene
Concen: 4.889 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF100899.D
Acq: 27 Nov 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SAU-4-E(4-5)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	34.1
203	18.1	0.0	38.1

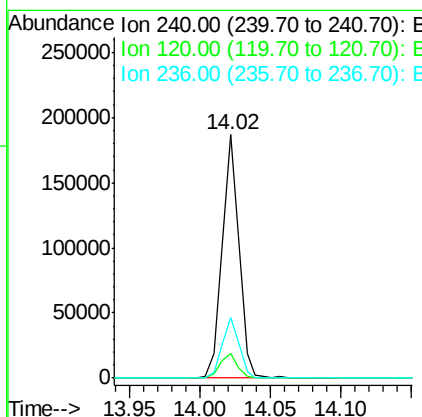
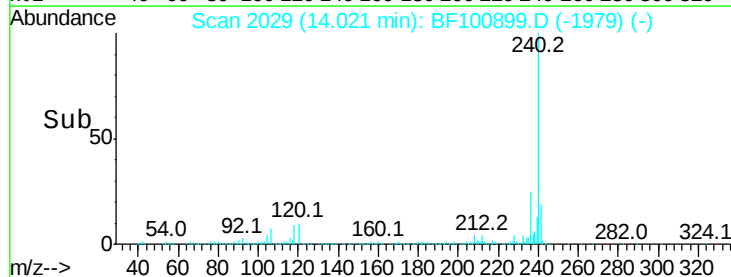
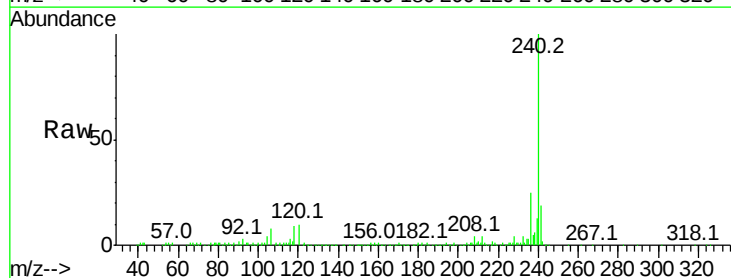
Manual Integrations
APPROVED

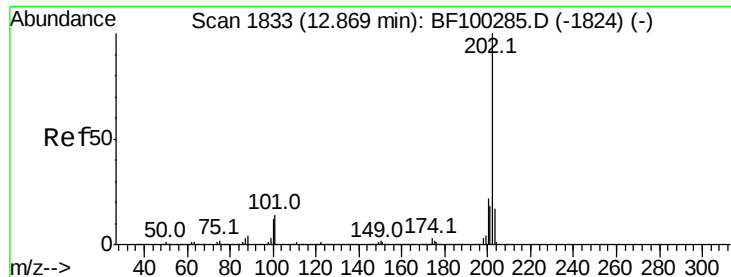
Sohil
11/28/2017 2:45:45 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100899.D
Acq: 27 Nov 2017 18:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.2	9.5	14.3
236	25.1	20.7	31.1





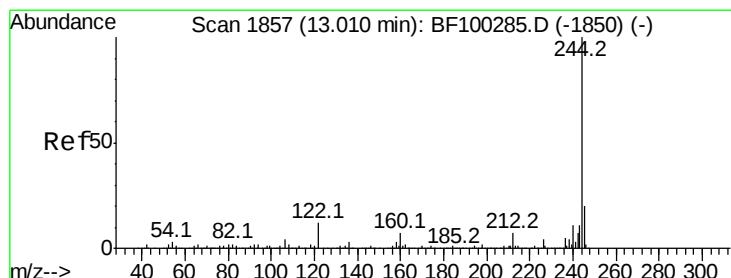
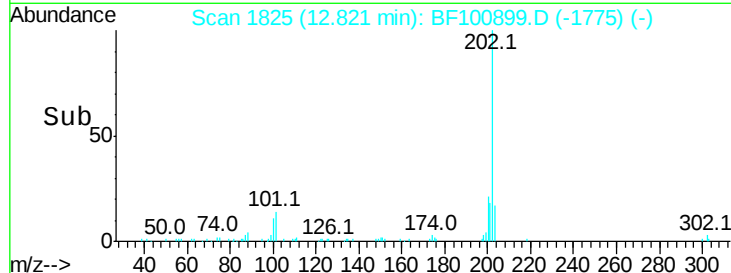
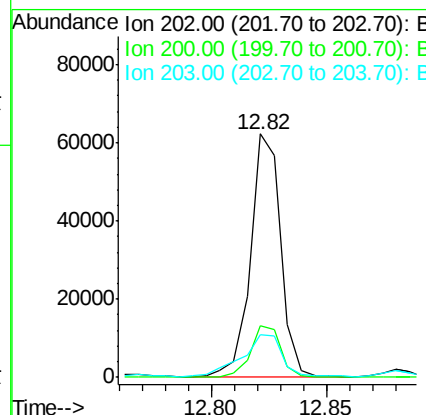
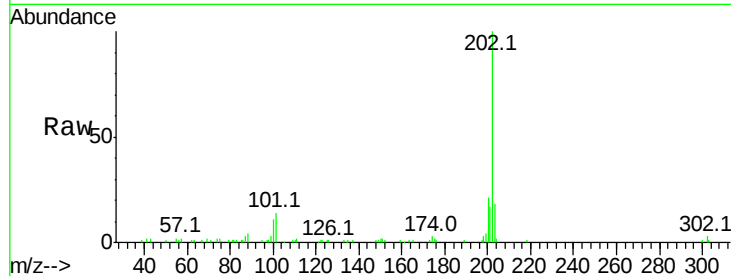
#77
Pvrene
Concen: 5.157 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF100899.D
Acq: 27 Nov 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SAU-4-E(4-5)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.6	14.3	21.5

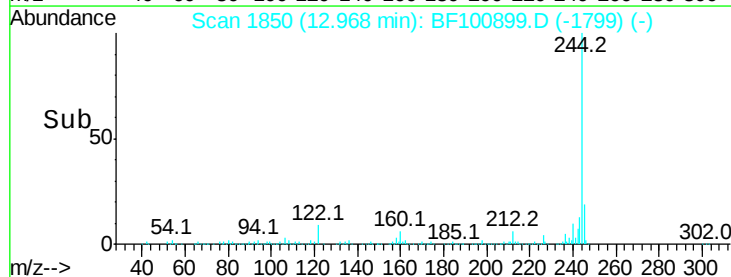
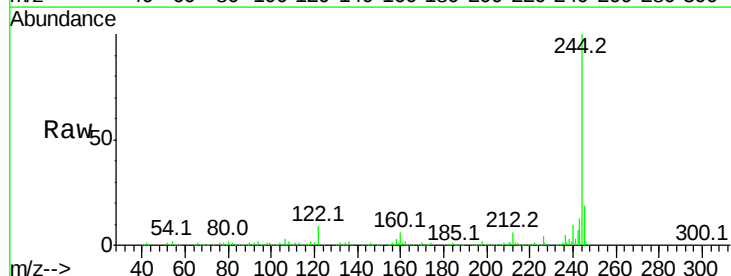
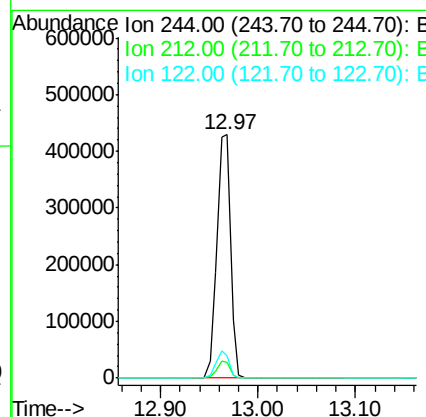
Manual Integrations
APPROVED

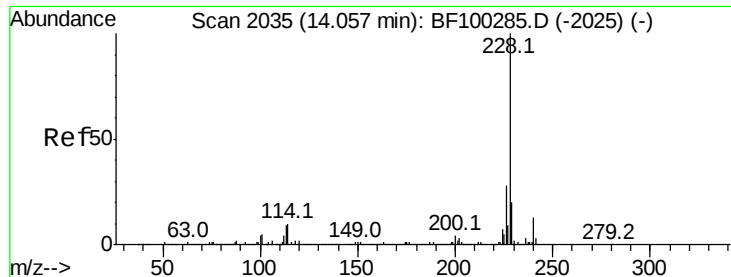
Sohil
11/28/2017 2:45:45 PM



#78
Terphenyl-d14
Concen: 61.921 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BF100899.D
Acq: 27 Nov 2017 18:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.2	11.0	16.4





#80

Benzo(a)anthracene

Concen: 3.253 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF100899.D

Acq: 27 Nov 2017 18:28

Instrument :

BNA_F

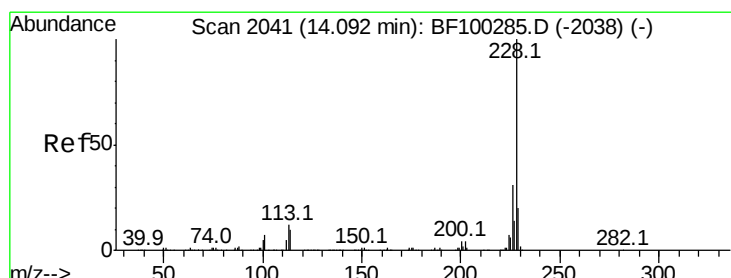
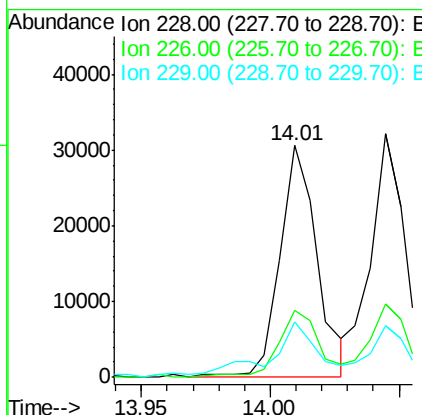
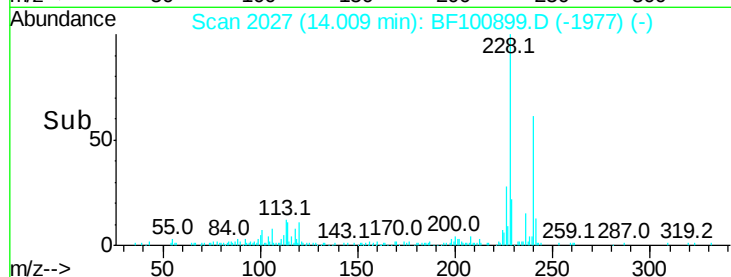
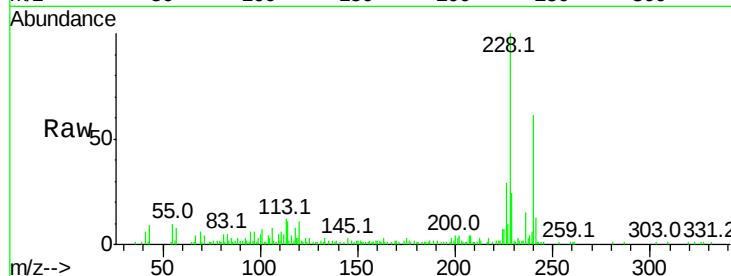
ClientSampleId :

SAU-4-E(4-5)

Tot Ion:	228	Resp:	30536
Ion Ratio	Lower	Upper	
228	100		
226	29.0	22.6	33.8
229	23.7	15.8	23.6

Manual Integrations
APPROVED

Sohil
11/28/2017 2:45:45 PM



#82

Chrysene

Concen: 3.308 ng

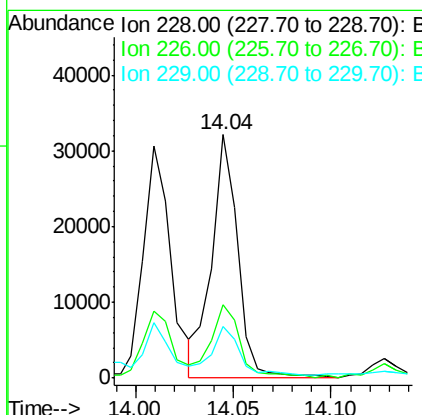
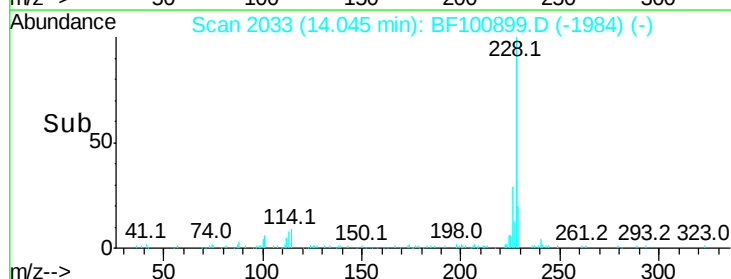
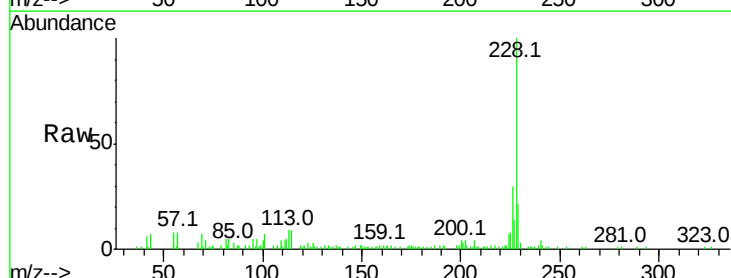
RT: 14.04 min Scan# 2033

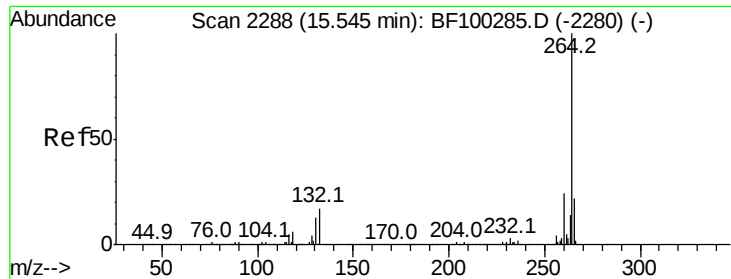
Delta R.T. -0.01 min

Lab File: BF100899.D

Acq: 27 Nov 2017 18:28

Tgt Ion:	228	Resp:	30072
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.6
229	21.4	16.2	24.4





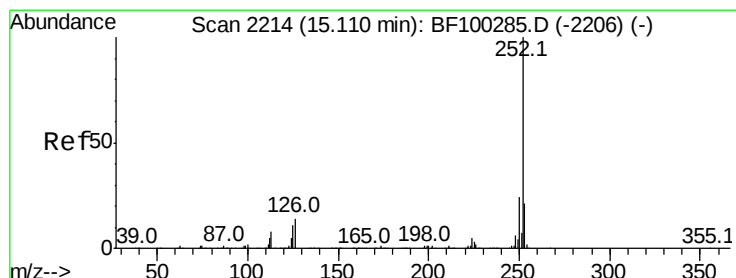
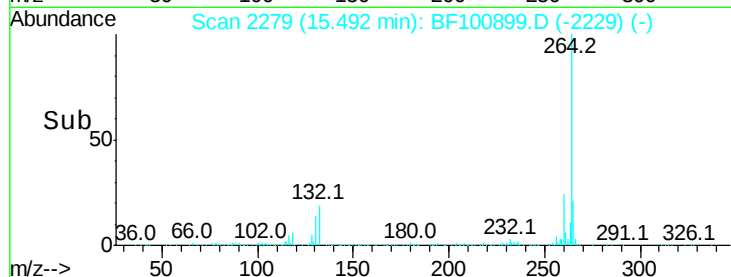
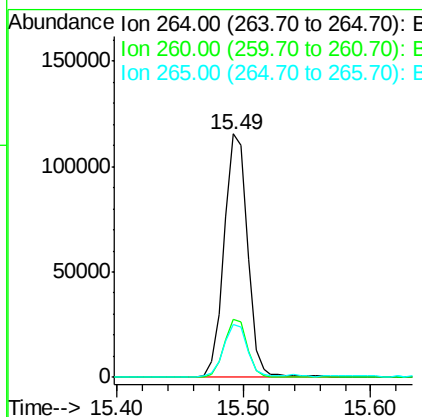
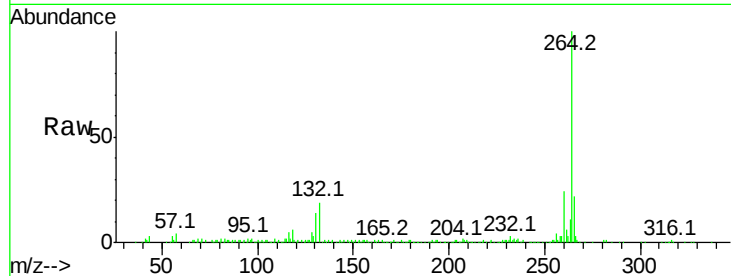
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF100899.D
Acq: 27 Nov 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SAU-4-E(4-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3

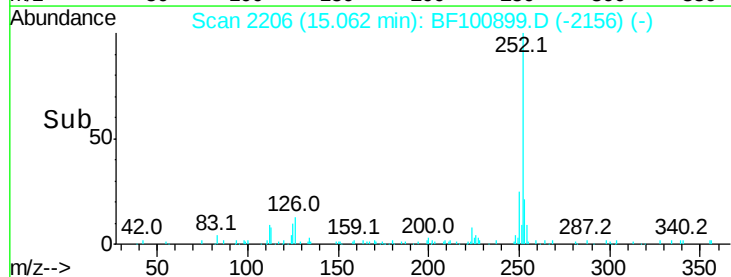
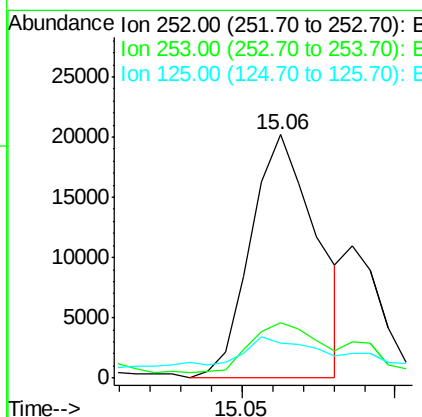
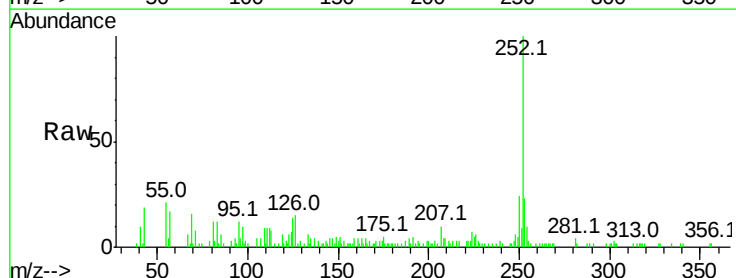
Manual Integrations
APPROVED

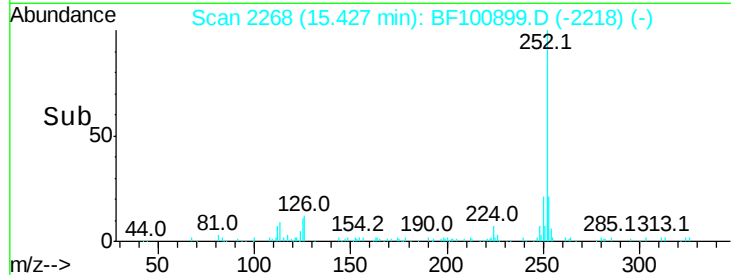
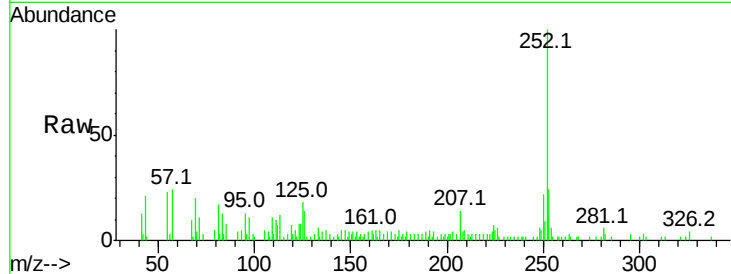
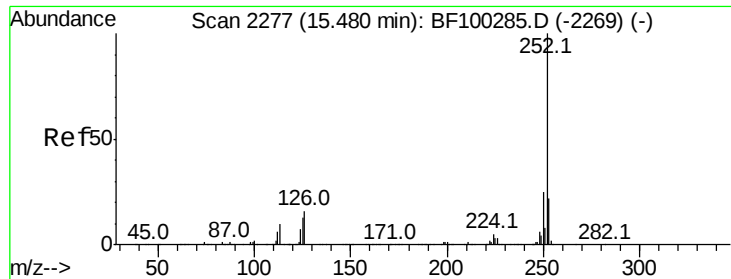
Sohil
11/28/2017 2:45:45 PM



#87
Benzo(b)fluoranthene
Concen: 3.402 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF100899.D
Acq: 27 Nov 2017 18:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	14.3	9.0	13.6





#89

Benzo(a)pyrene

Concen: 2.458 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF100899.D

Acq: 27 Nov 2017 18:28

Instrument :

BNA_F

ClientSampleId :

SAU-4-E(4-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	18.3	9.8	14.6

Manual Integrations
APPROVED

Sohil
11/28/2017 2:45:45 PM

