

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097843.D
 Acq On : 18 Aug 2017 20:06
 Operator : SJ/JU
 Sample : I4811-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-12

Manual Integrations
 APPROVED

Sohil
 8/21/2017 6:18:37 AM

Quant Time: Aug 19 01:00:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	117730	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	468712	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	208643	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	414686	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	373592	20.00	ng	-0.02
86) Perylene-d12	15.35	264	305836	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	829997	107.24	ng	0.00
7) Phenol-d6	6.40	99	1232101	117.16	ng	0.00
23) Nitrobenzene-d5	7.33	82	775123	89.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	185210	102.31	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	1086843	76.53	ng	-0.01
78) Terphenyl-d14	12.88	244	996641	55.63	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	174415	11.436	ng	100
70) Phenanthrene	11.31	178	93465	4.230	ng	99
74) Fluoranthene	12.50	202	114634	4.970	ng	98
77) Pyrene	12.73	202	114770	3.756	ng	97
80) Benzo(a)anthracene	13.91	228	52451	2.343	ng	99
82) Chrysene	13.94	228	50000	2.245	ng	98
87) Benzo(b)fluoranthene	14.94	252	46540m	2.414	ng	
89) Benzo(a)pyrene	15.29	252	37048	2.171	ng	98

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

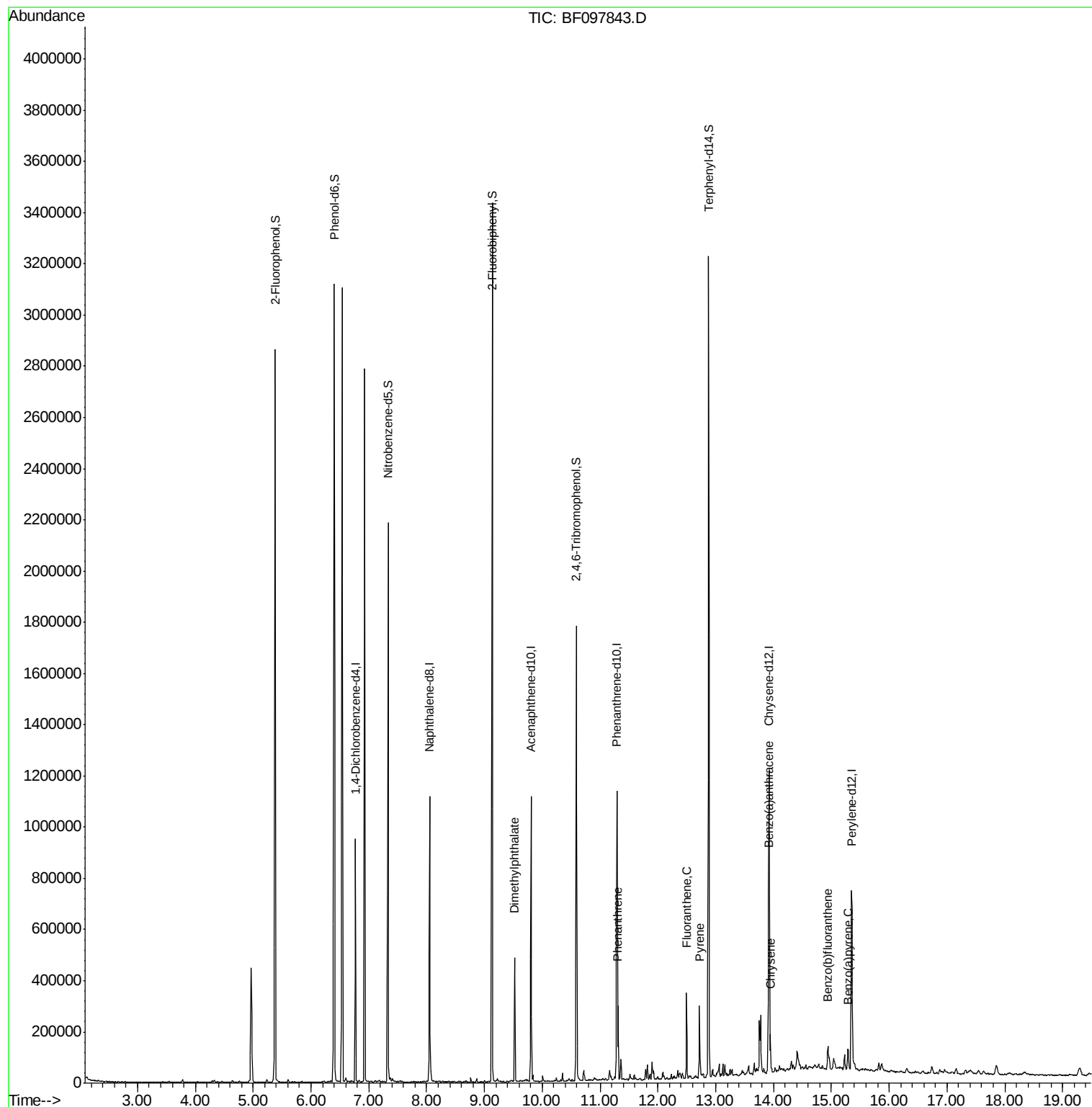
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
Data File : BF097843.D
Acq On : 18 Aug 2017 20:06
Operator : SJ/JU
Sample : I4811-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

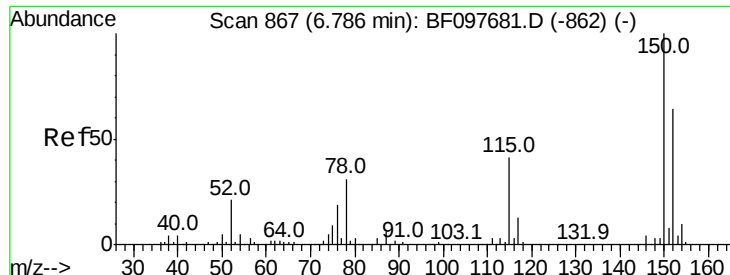
Instrument :
BNA_F
ClientSampleId :
EP-12

Manual Integrations
APPROVED

Sohil
8/21/2017 6:18:37 AM

Quant Time: Aug 19 01:00:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration





#1

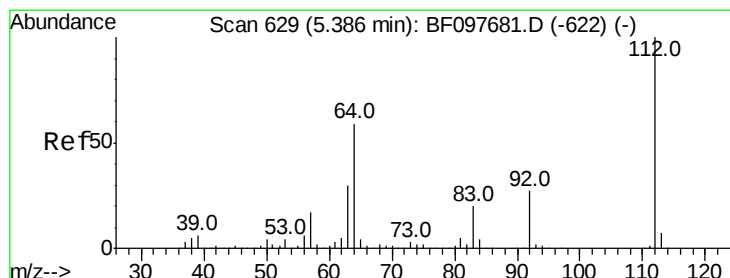
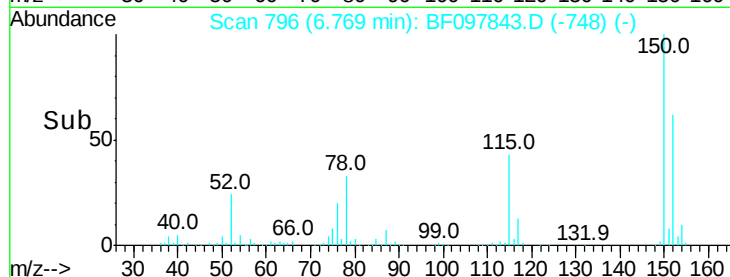
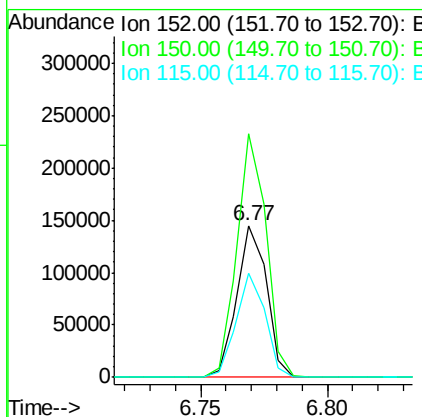
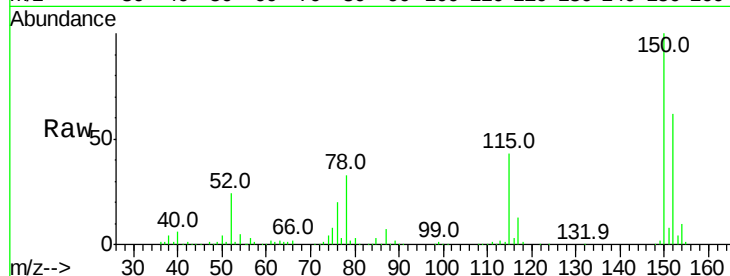
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097843.D
Acq: 18 Aug 2017 20:06

Instrument :
BNA_F
ClientSampleId :
EP-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.2	189.2
115	68.5	52.2	78.2

Manual Integrations
APPROVED

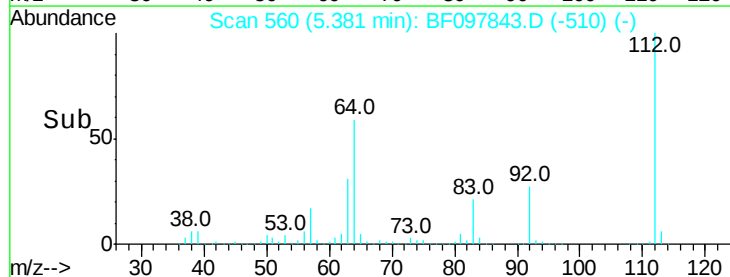
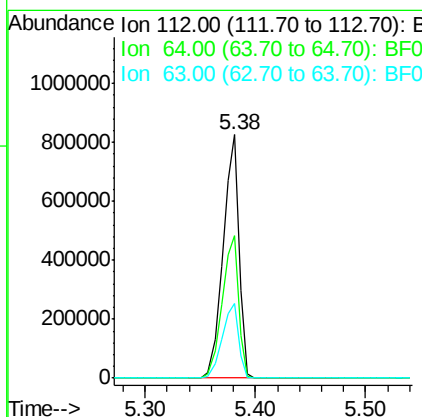
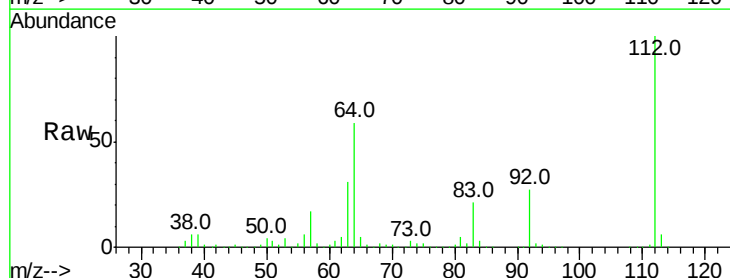
Sohil
8/21/2017 6:18:37 AM

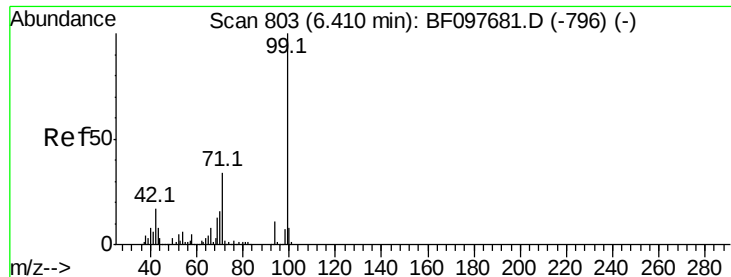


#5

2-Fluorophenol
Concen: 107.236 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF097843.D
Acq: 18 Aug 2017 20:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.0	69.0
63	30.5	23.4	35.0





#7

Phenol-d6

Concen: 117.161 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097843.D

Acq: 18 Aug 2017 20:06

Instrument :

BNA_F

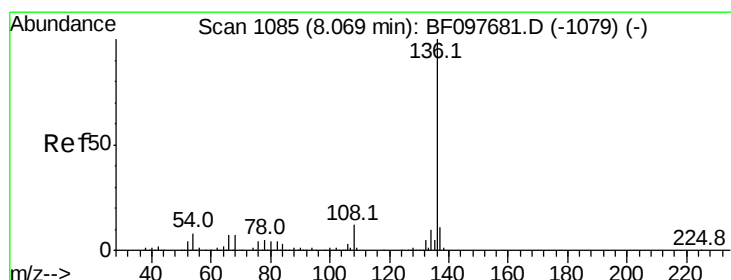
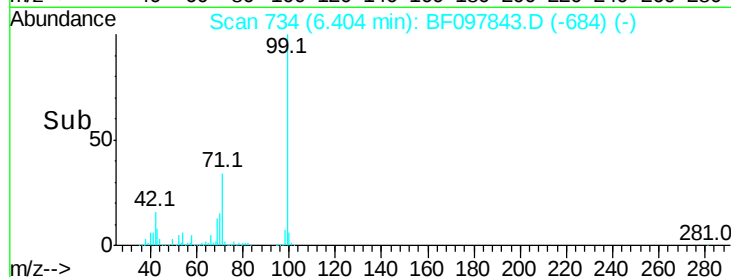
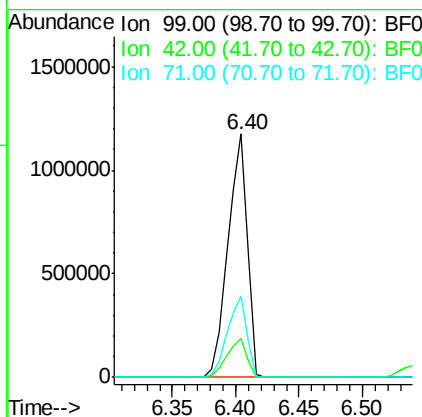
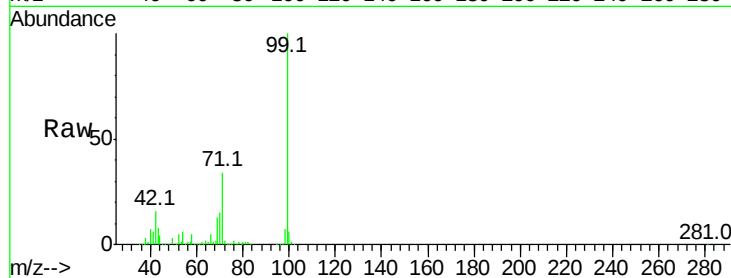
ClientSampleId :

EP-12

Tot Ion:	99	Resp:	1232101
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	33.5	24.5	36.7

Manual Integrations
APPROVED

Sohil
8/21/2017 6:18:37 AM



#21

Naphthalene-d8

Concen: 20.000 ng

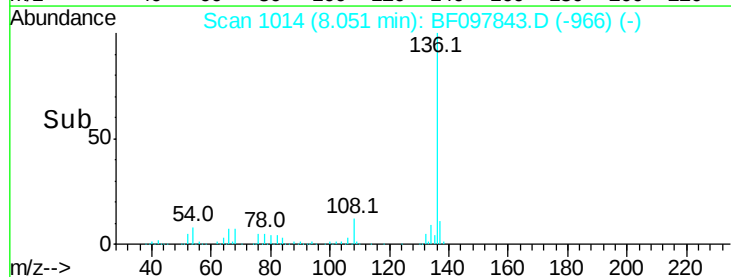
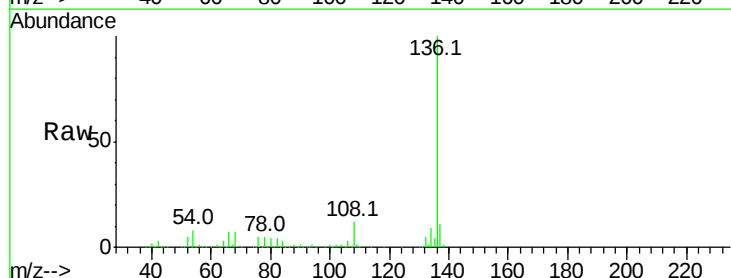
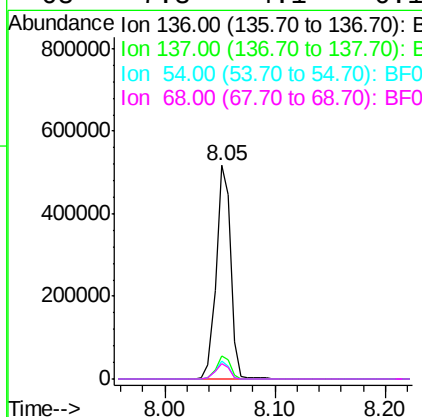
RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF097843.D

Acq: 18 Aug 2017 20:06

Tgt Ion:	136	Resp:	468712
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.2	4.9	7.3#
68	7.3	4.1	6.1#





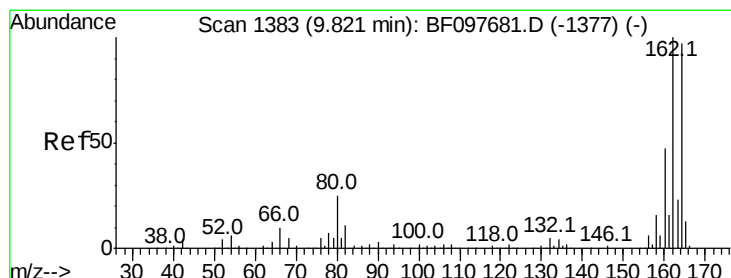
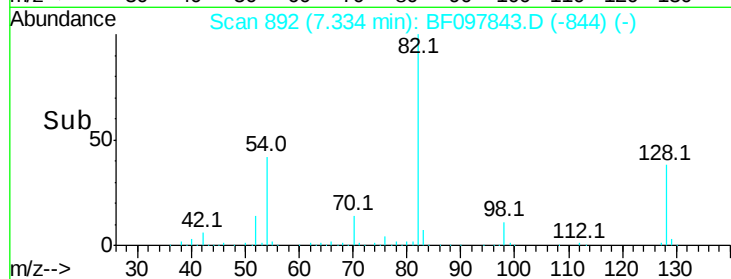
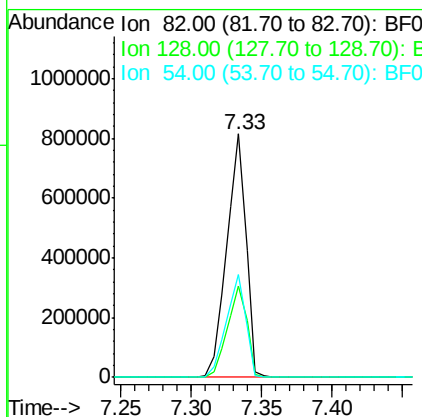
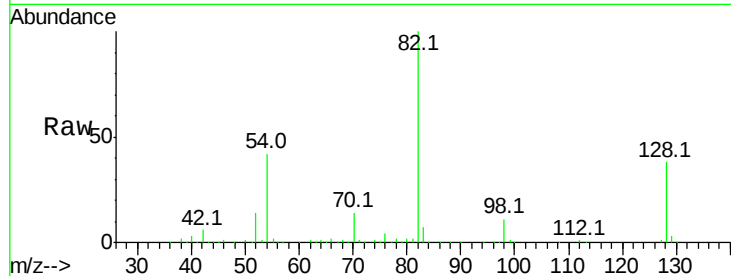
#23
 Nitrobenzene-d5
 Concen: 89.838 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF097843.D
 Acq: 18 Aug 2017 20:06

Instrument :
 BNA_F
 ClientSampled :
 EP-12

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	34.0	51.0
54	42.1	42.2	63.2#

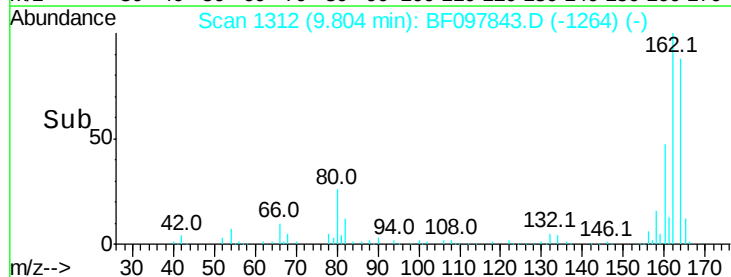
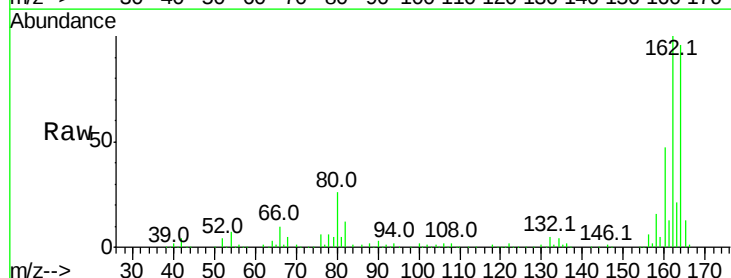
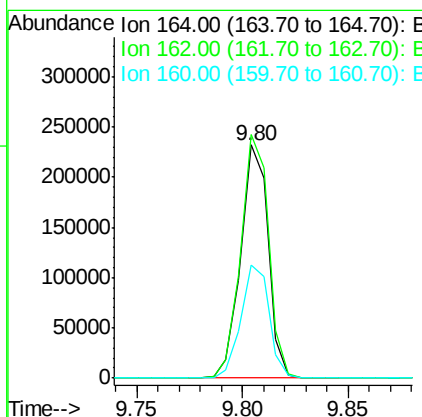
Manual Integrations
 APPROVED

Sohil
 8/21/2017 6:18:37 AM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF097843.D
 Acq: 18 Aug 2017 20:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	48.6	36.2	54.2





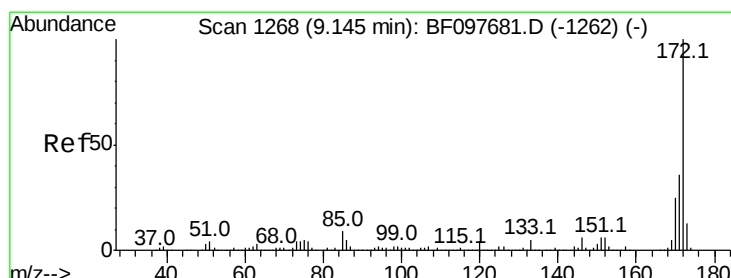
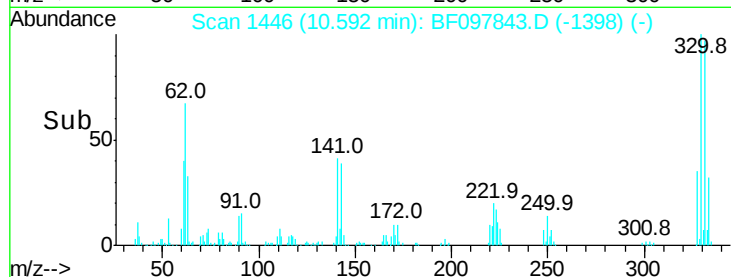
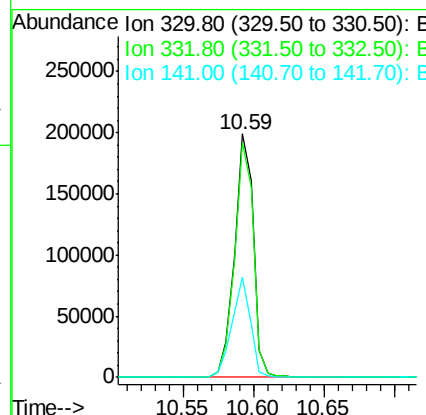
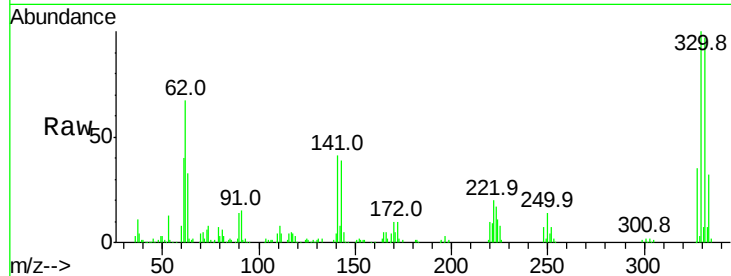
#41
 2,4,6-Tribromophenol
 Concen: 102.308 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097843.D
 Acq: 18 Aug 2017 20:06

Instrument :
 BNA_F
 ClientSampled :
 EP-12

Tot Ion	Ratio	Resp	Lower	Upper
330	100	185210		
332	96.6	76.6	115.0	
141	41.0	31.4	47.2	

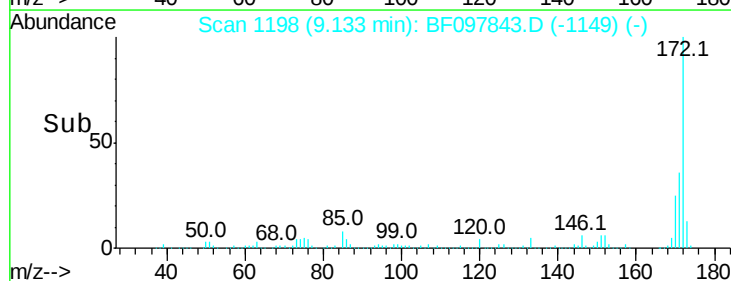
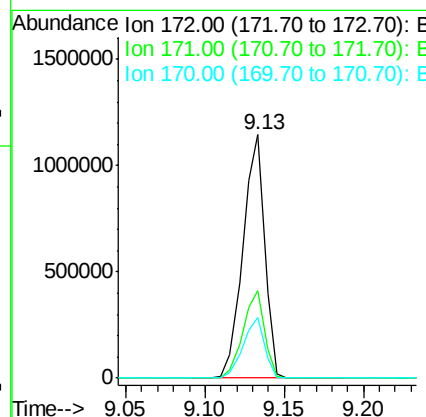
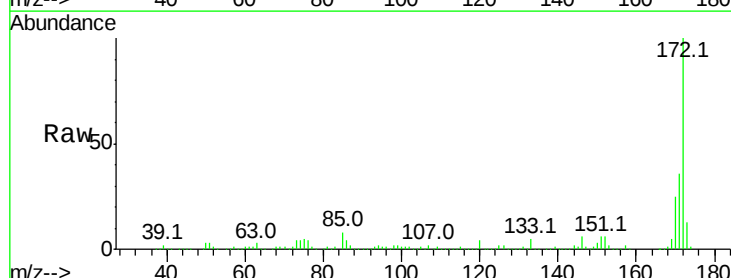
Manual Integrations
 APPROVED

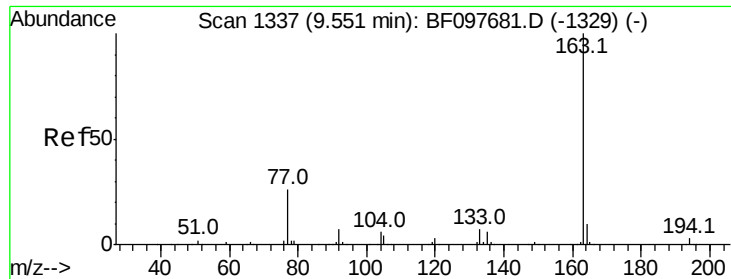
Sohil
 8/21/2017 6:18:37 AM



#44
 2-Fluorobiphenyl
 Concen: 76.532 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097843.D
 Acq: 18 Aug 2017 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1086843		
171	35.9	29.6	44.4	
170	24.7	19.8	29.8	





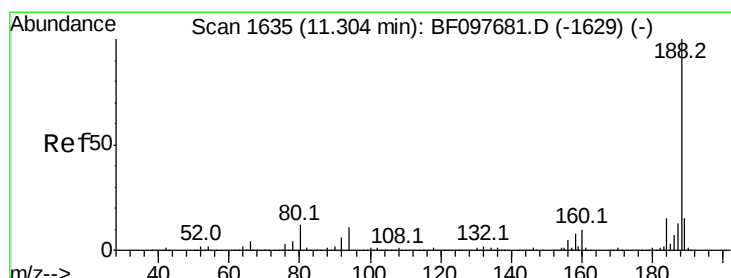
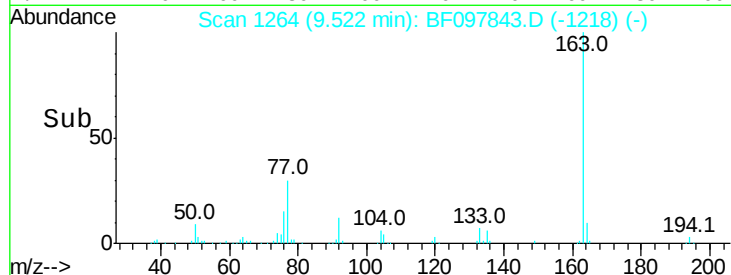
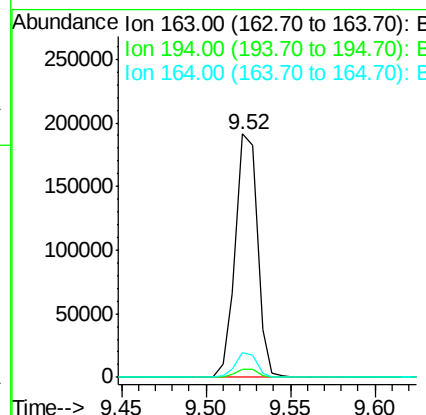
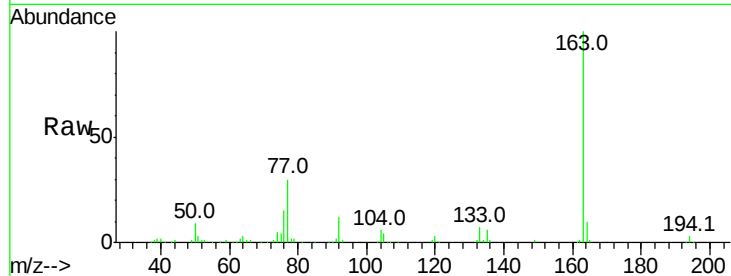
#49
Dimethylphthalate
Concen: 11.436 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BF097843.D
Acq: 18 Aug 2017 20:06

Instrument :
BNA_F
ClientSampled :
EP-12

Tot Ion	Ratio	Resp	Lower	Upper
163	100	174415		
194	3.5	2.6	4.0	
164	10.4	8.4	12.6	

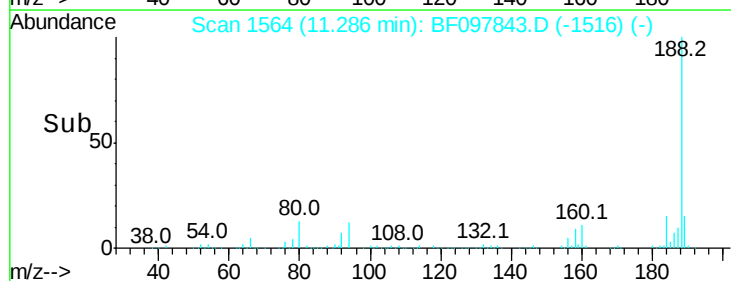
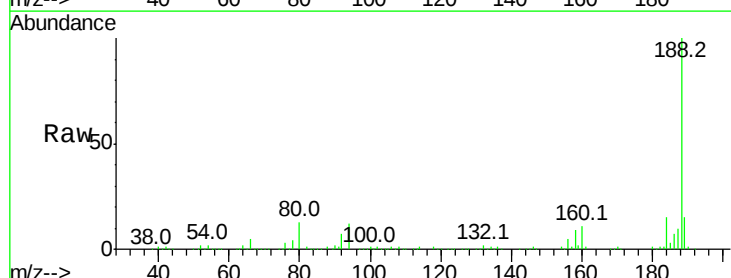
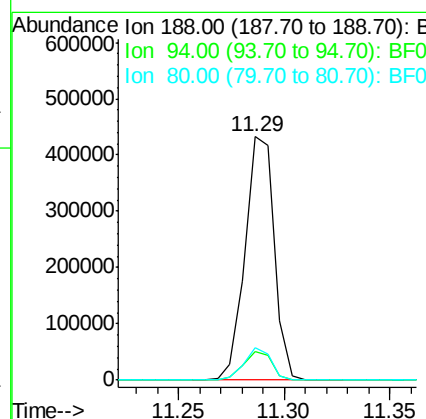
Manual Integrations
APPROVED

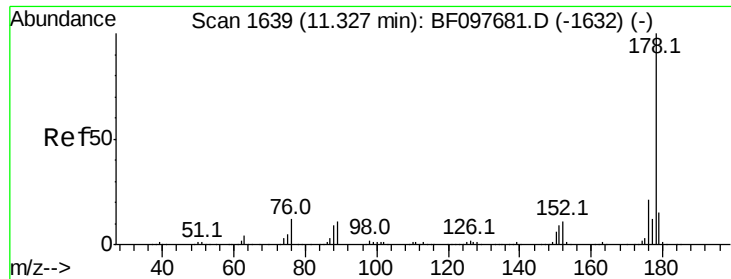
Sohil
8/21/2017 6:18:37 AM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BF097843.D
Acq: 18 Aug 2017 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	414686		
94	12.0	9.4	14.2	
80	13.4	10.2	15.2	





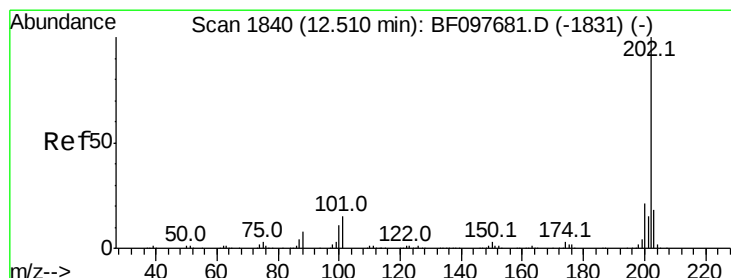
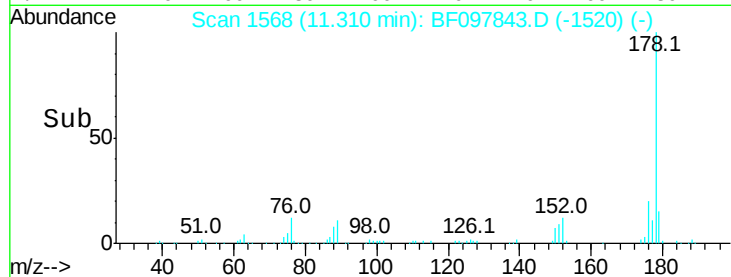
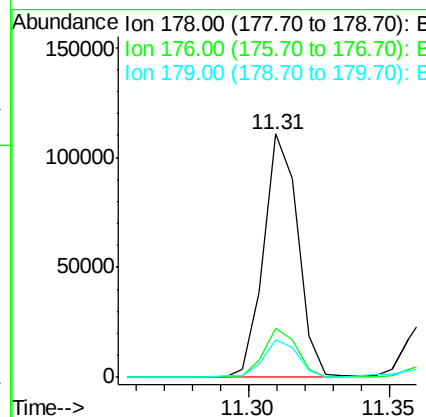
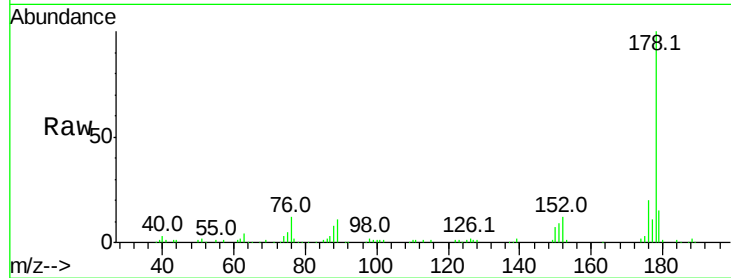
#70
Phenanthrene
Concen: 4.230 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF097843.D
Acq: 18 Aug 2017 20:06

Instrument :
BNA_F
ClientSampled :
EP-12

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.3	12.6	19.0

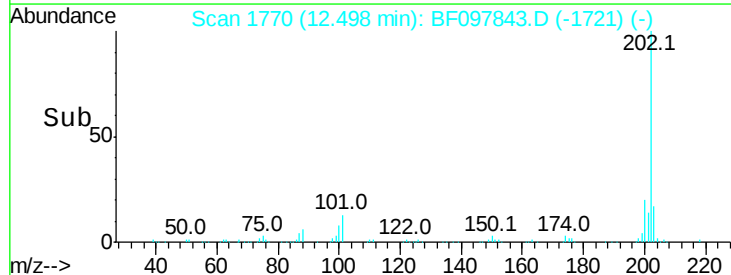
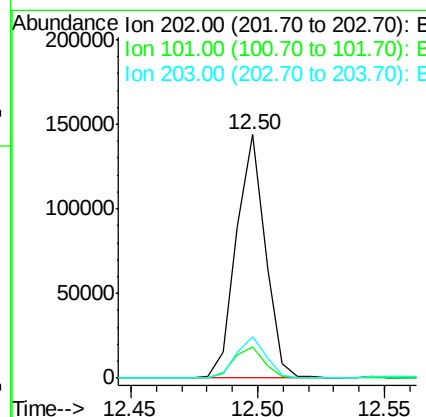
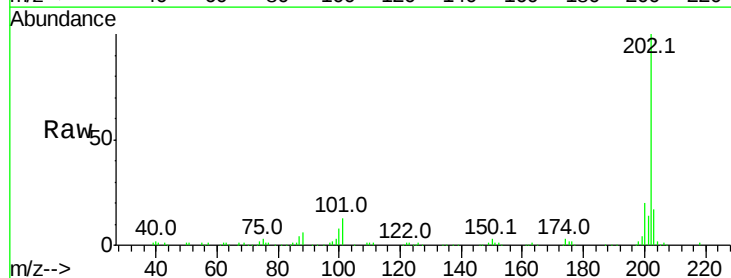
Manual Integrations
APPROVED

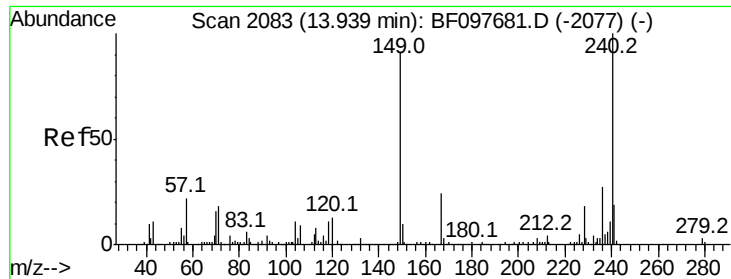
Sohil
8/21/2017 6:18:37 AM



#74
Fluoranthene
Concen: 4.970 ng
RT: 12.50 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF097843.D
Acq: 18 Aug 2017 20:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	16.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097843.D

Acq: 18 Aug 2017 20:06

Instrument :

BNA_F

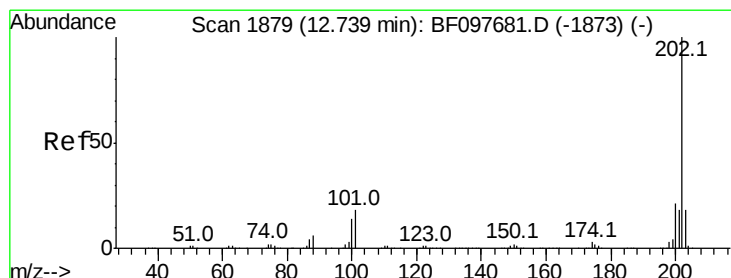
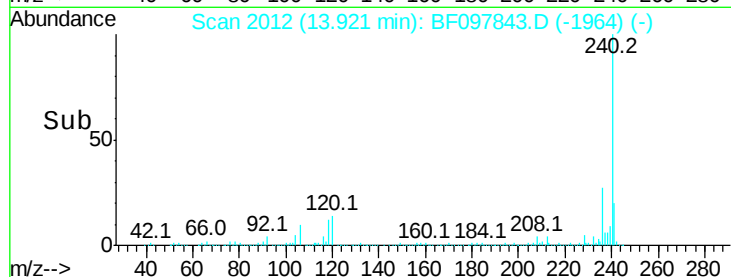
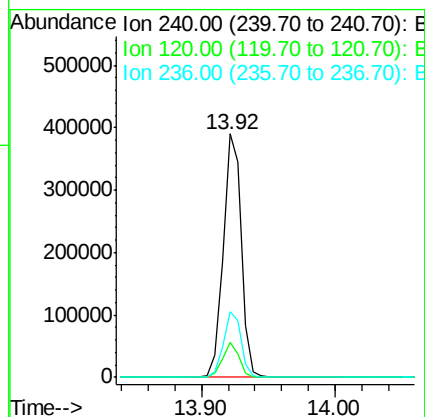
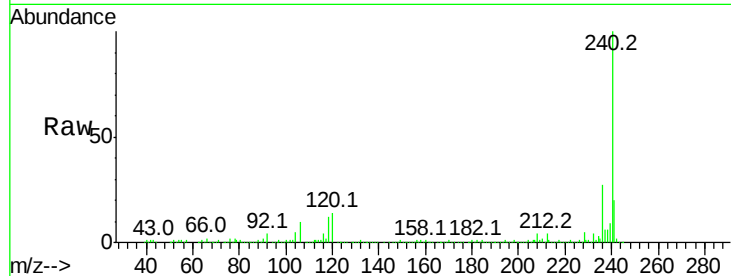
ClientSampled :

EP-12

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	27.0	20.5	30.7

Manual Integrations
APPROVED

Sohil
8/21/2017 6:18:37 AM



#77

Pyrene

Concen: 3.756 ng

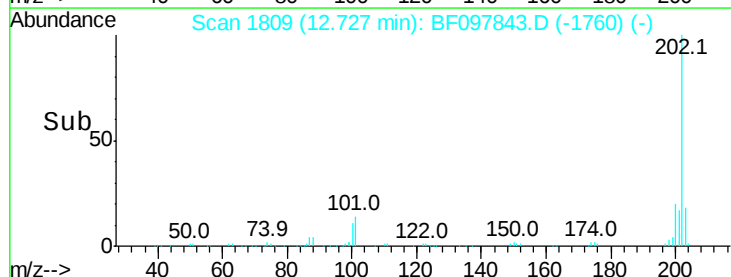
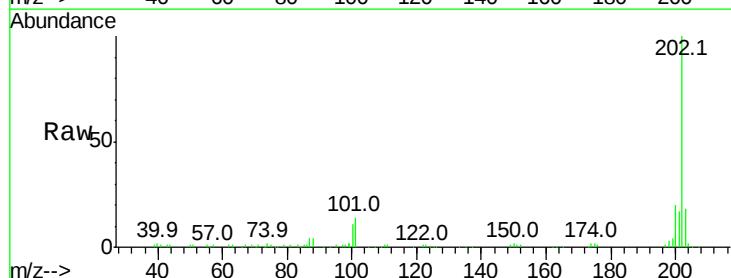
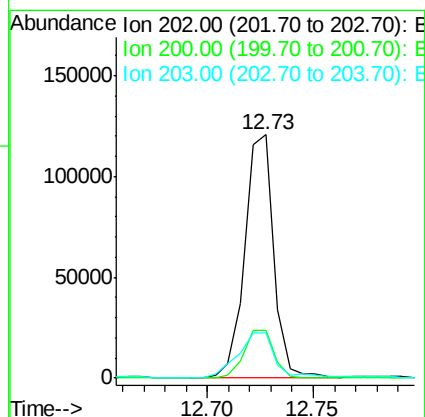
RT: 12.73 min Scan# 1809

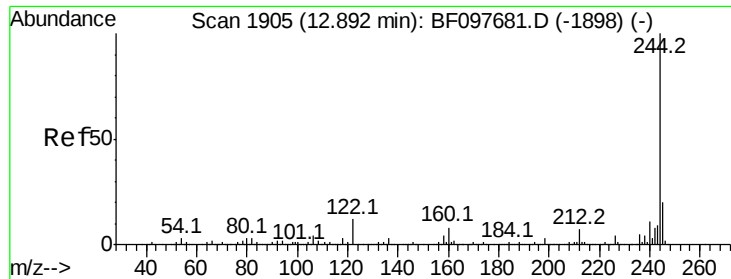
Delta R.T. -0.01 min

Lab File: BF097843.D

Acq: 18 Aug 2017 20:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.6	26.4
203	18.3	14.4	21.6





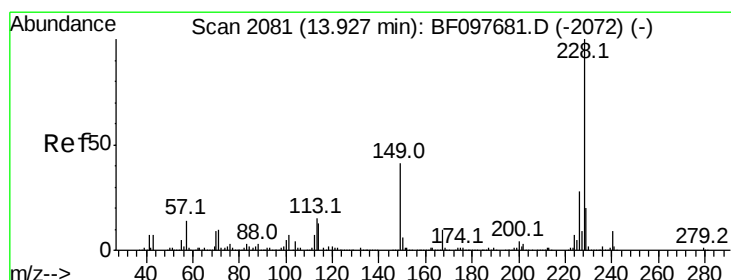
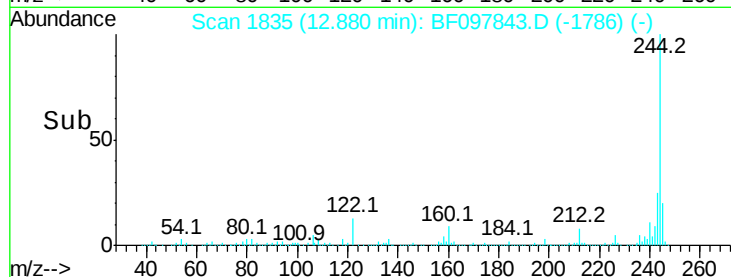
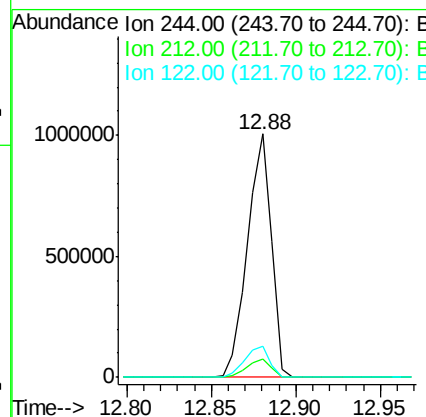
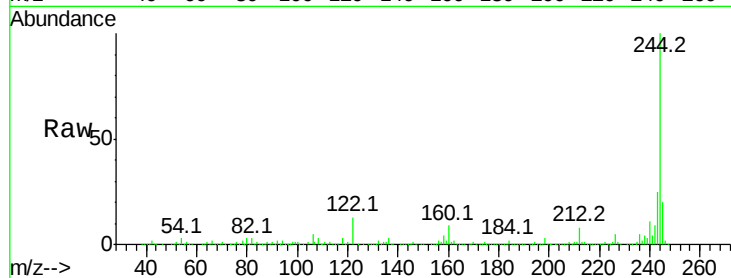
#78
 Terphenyl-d14
 Concen: 55.631 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BF097843.D
 Acq: 18 Aug 2017 20:06

Instrument :
 BNA_F
 ClientSampled :
 EP-12

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.9	10.3	15.5

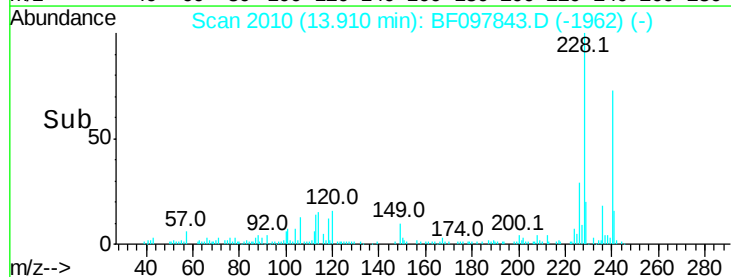
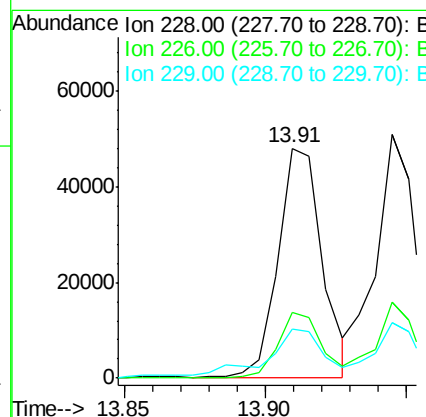
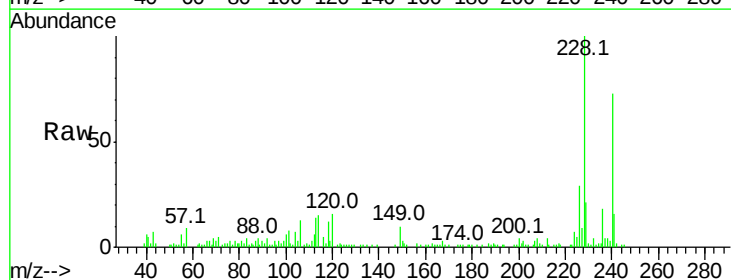
Manual Integrations
 APPROVED

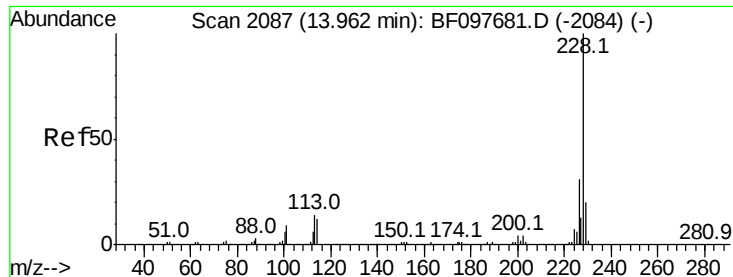
Sohil
 8/21/2017 6:18:37 AM



#80
 Benzo(a)anthracene
 Concen: 2.343 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BF097843.D
 Acq: 18 Aug 2017 20:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	21.3	16.3	24.5





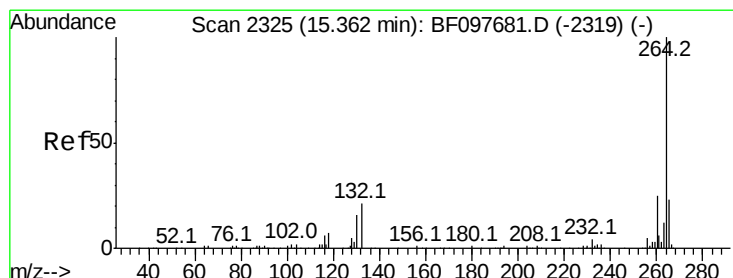
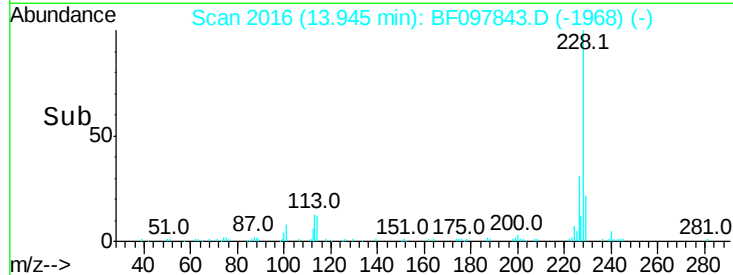
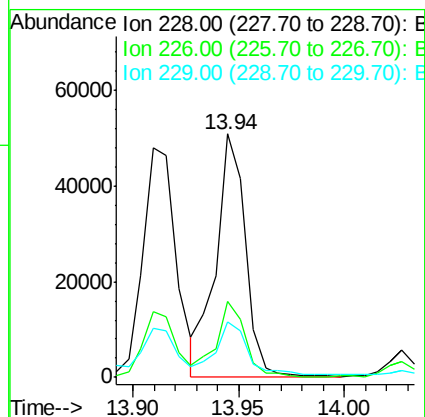
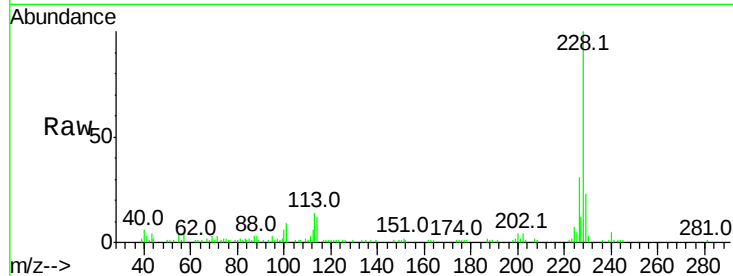
#82
 Chrysene
 Concen: 2.245 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.02 min
 Lab File: BF097843.D
 Acq: 18 Aug 2017 20:06

Instrument :
 BNA_F
 ClientSampleId :
 EP-12

Tot Ion:	228	Resp:	50000
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.9	37.3
229	22.5	15.8	23.6

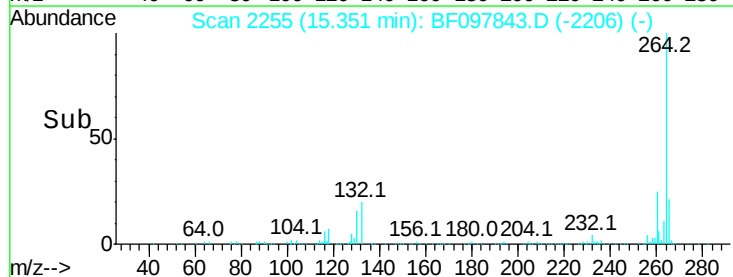
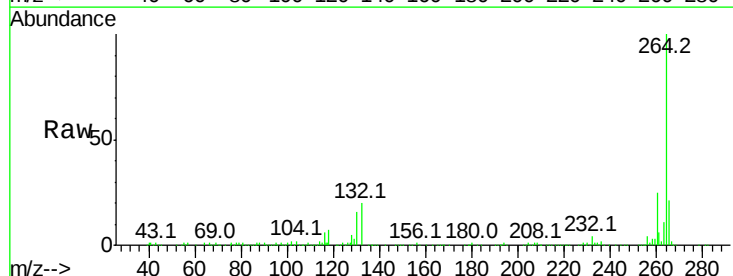
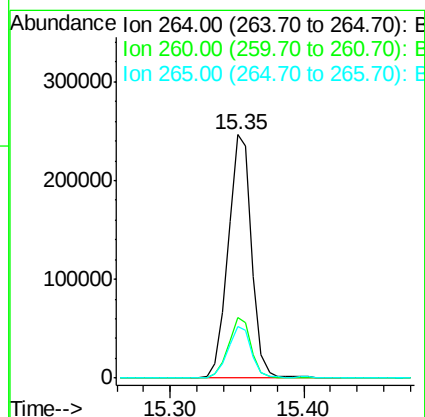
Manual Integrations
 APPROVED

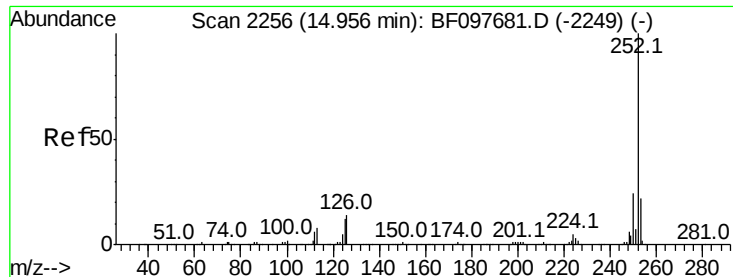
Sohil
 8/21/2017 6:18:37 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.35 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BF097843.D
 Acq: 18 Aug 2017 20:06

Tgt Ion:	264	Resp:	305836
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.5	29.3
265	21.0	17.2	25.8





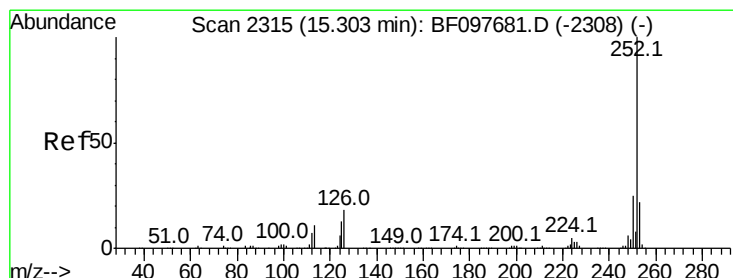
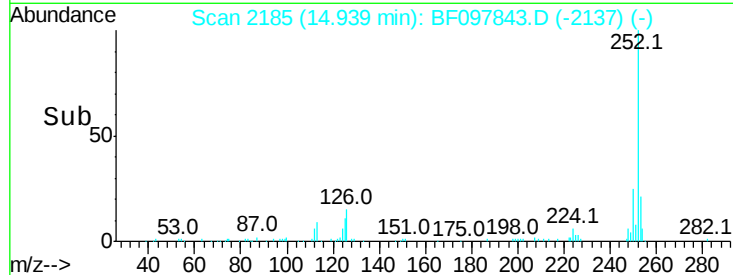
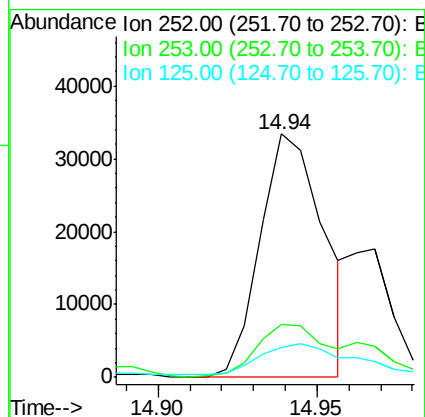
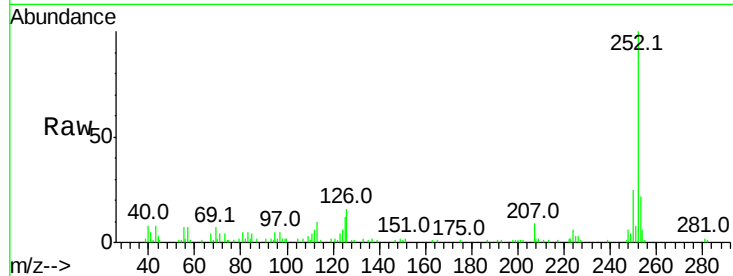
#87
Benzo(b)fluoranthene
Concen: 2.414 ng m
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF097843.D
Acq: 18 Aug 2017 20:06

Instrument :
BNA_F
ClientSampled :
EP-12

Tot Ion:	252	Resp:	46540
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	12.2	9.8	14.8

Manual Integrations
APPROVED

Sohil
8/21/2017 6:18:37 AM



#89
Benzo(a)pyrene
Concen: 2.171 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BF097843.D
Acq: 18 Aug 2017 20:06

Tgt Ion:	252	Resp:	37048
Ion Ratio	Lower	Upper	
252	100		
253	20.4	17.5	26.3
125	13.8	11.0	16.4

