

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100793.D
 Acq On : 21 Nov 2017 21:00
 Operator : SJ/JU
 Sample : I6499-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PG1-1-E(7-8)

Manual Integrations
 APPROVED

Sohil
 11/22/2017 5:04:28 PM

Quant Time: Nov 22 06:47:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	73543	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	281601	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	118952	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	185284	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	156875	20.00	ng	-0.01
86) Perylene-d12	15.50	264	167519	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	479848	104.59	ng	0.00
7) Phenol-d6	6.50	99	616649	109.00	ng	0.00
23) Nitrobenzene-d5	7.43	82	372403	87.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	136518	112.63	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	740888	94.84	ng	-0.01
78) Terphenyl-d14	12.98	244	499182	73.11	ng	0.00
Target Compounds						
10) Phenol	6.51	94	28580	4.812	ng	90
49) Dimethylphthalate	9.62	163	68372	7.528	ng	99
70) Phenanthrene	11.42	178	39541	4.053	ng	98
74) Fluoranthene	12.60	202	73419	7.101	ng	97
77) Pyrene	12.83	202	67529	6.039	ng	97
80) Benzo(a)anthracene	14.02	228	49503	5.240	ng	96
82) Chrysene	14.06	228	41671	4.555	ng	97
85) Indeno(1,2,3-cd)pyrene	16.98	276	23372	3.159	ng	93
87) Benzo(b)fluoranthene	15.07	252	63744m	6.423	ng	
89) Benzo(a)pyrene	15.44	252	42094	4.784	ng	97
91) Benzo(a,h,i)perylene	17.43	276	21229	3.014	ng	98

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

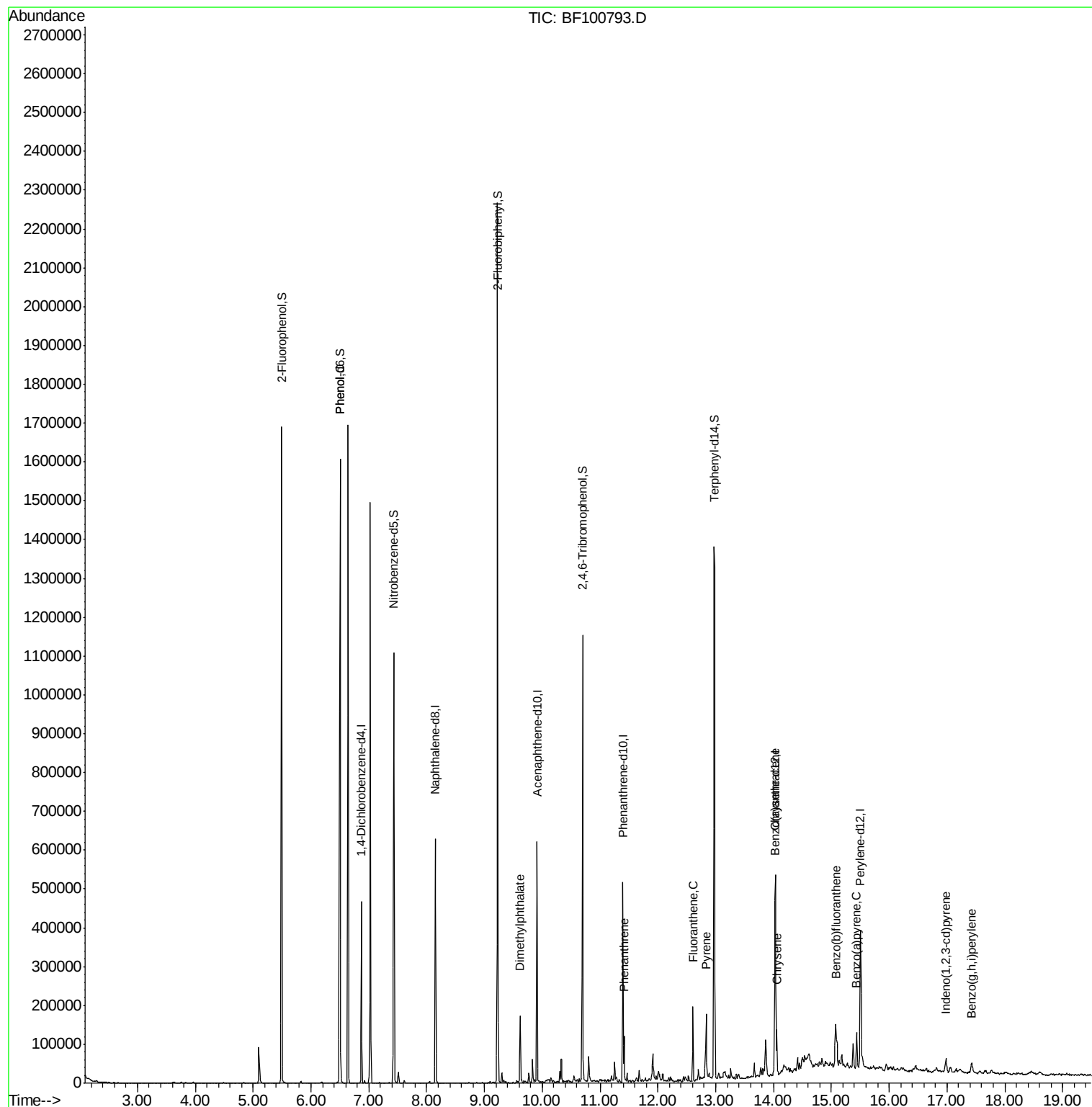
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100793.D
Acq On : 21 Nov 2017 21:00
Operator : SJ/JU
Sample : I6499-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

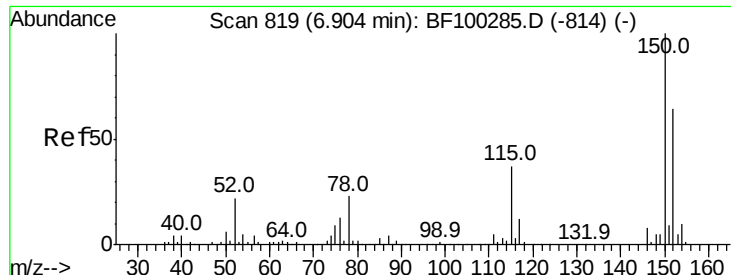
Instrument :
BNA_F
ClientSampleId :
PG1-1-E(7-8)

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:28 PM

Quant Time: Nov 22 06:47:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration





#1

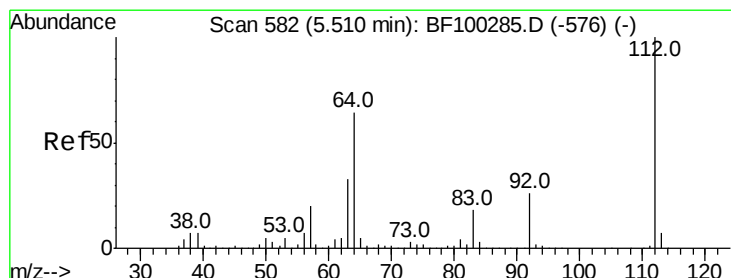
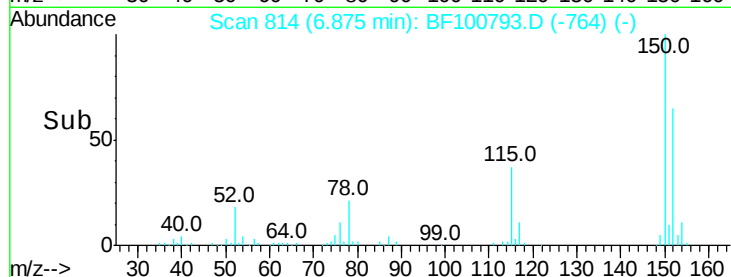
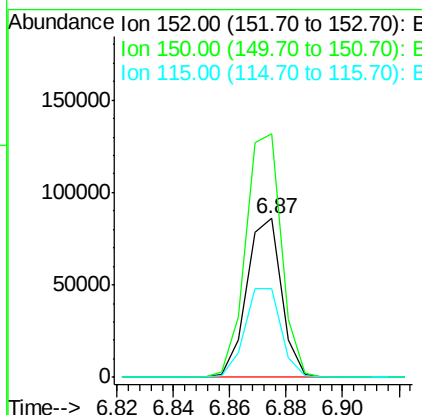
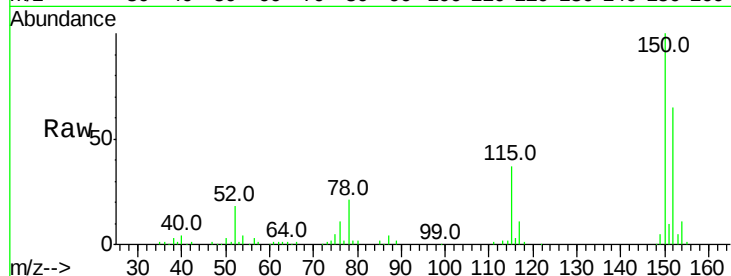
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PG1-1-E(7-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	55.9	50.1	75.1

Manual Integrations
APPROVED

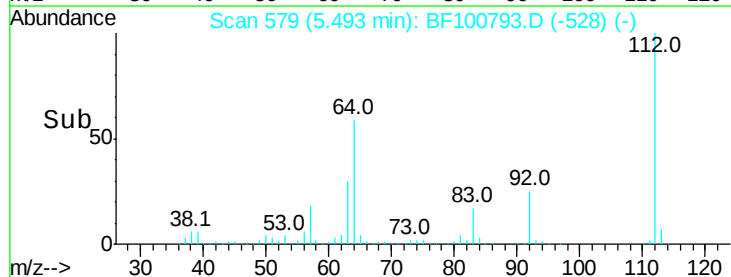
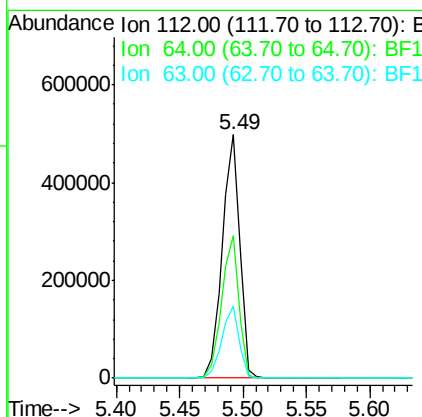
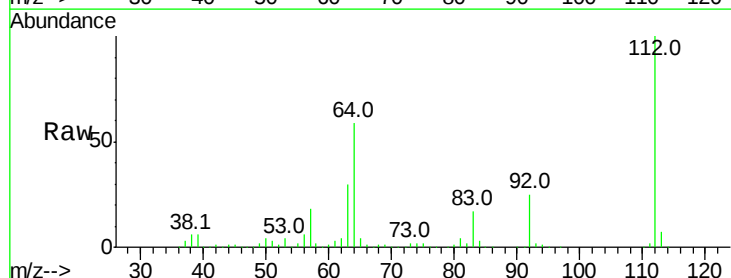
Sohil
11/22/2017 5:04:28 PM



#5

2-Fluorophenol
Concen: 104.591 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	29.7	23.7	35.5





#7

Phenol-d6

Concen: 108.998 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100793.D

Acq: 21 Nov 2017 21:00

Instrument :

BNA_F

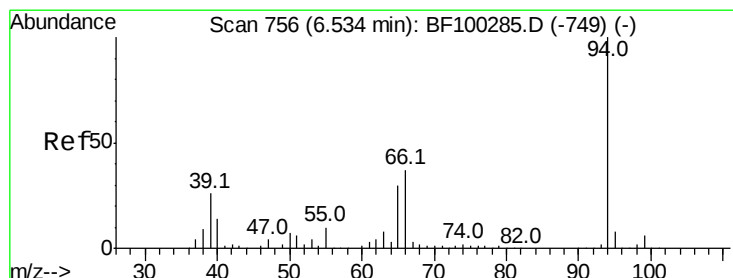
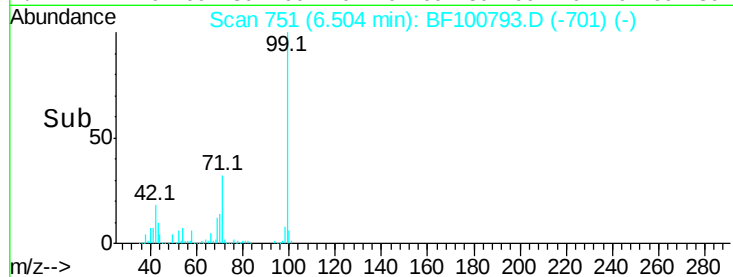
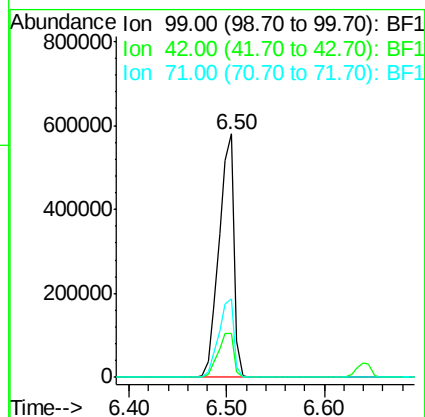
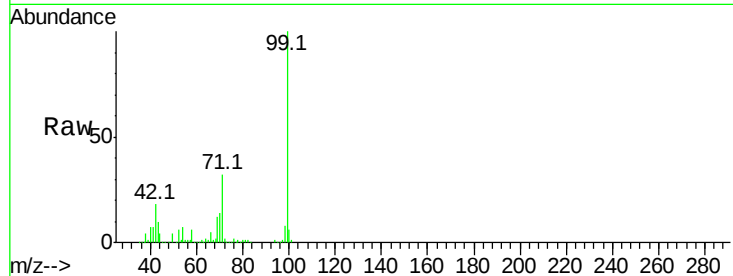
ClientSampleId :

PG1-1-E(7-8)

Tot Ion:	99	Resp:	616649
Ion Ratio	Lower	Upper	
99	100		
42	18.1	14.5	21.7
71	32.1	25.4	38.0

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:28 PM



#10

Phenol

Concen: 4.812 ng

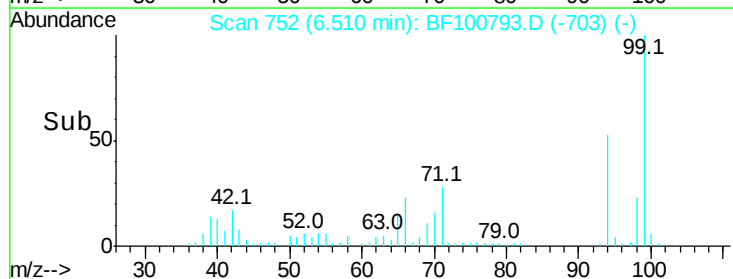
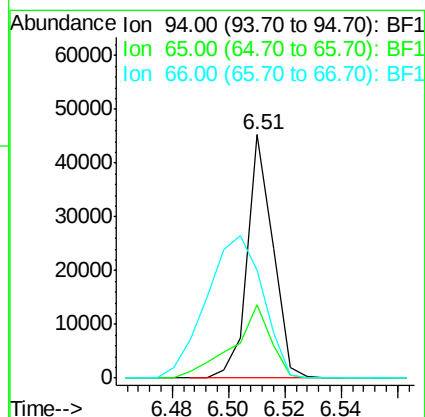
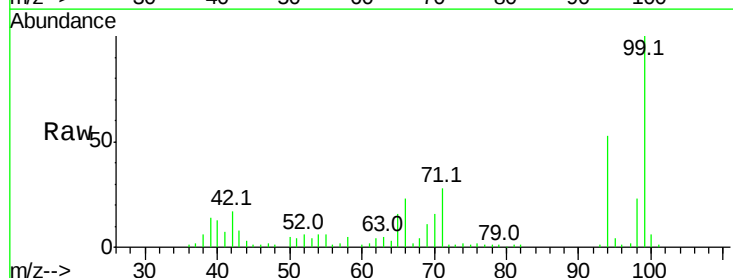
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100793.D

Acq: 21 Nov 2017 21:00

Tgt Ion:	94	Resp:	28580
Ion Ratio	Lower	Upper	
94	100		
65	30.2	7.9	47.9
66	44.3	16.2	56.2





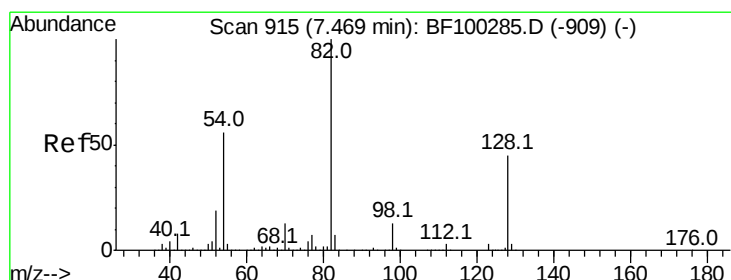
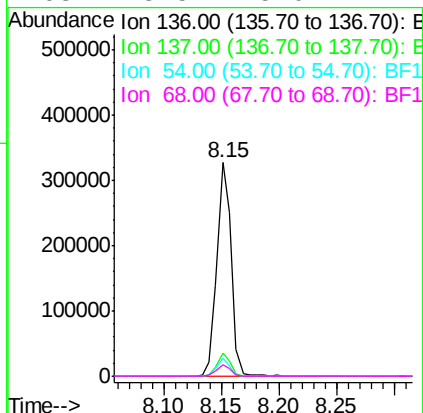
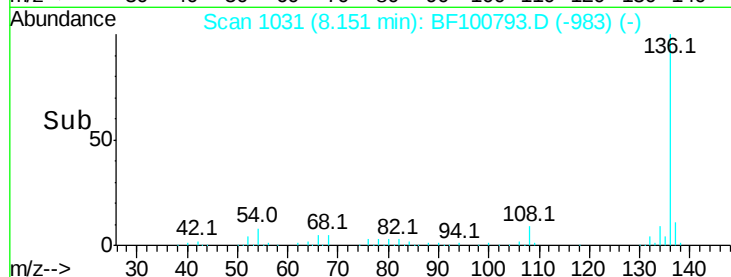
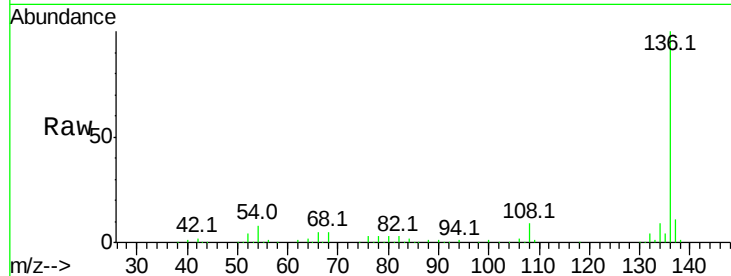
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PG1-1-E(7-8)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	8.3	6.6	9.8	
68	5.5	5.0	7.4	

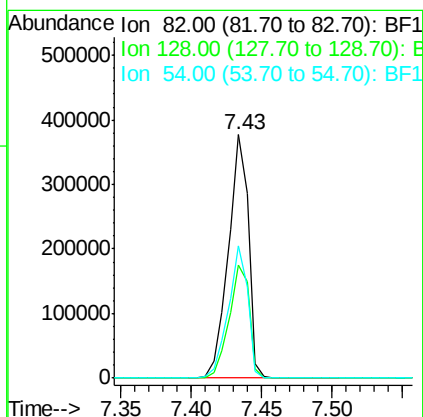
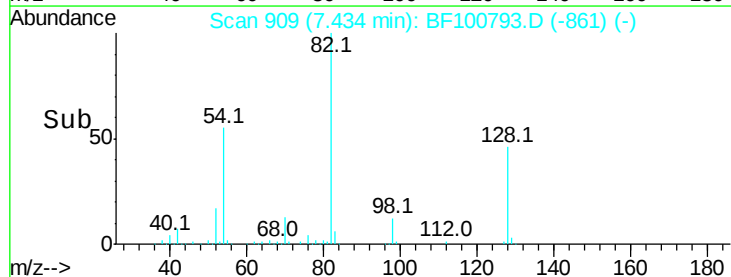
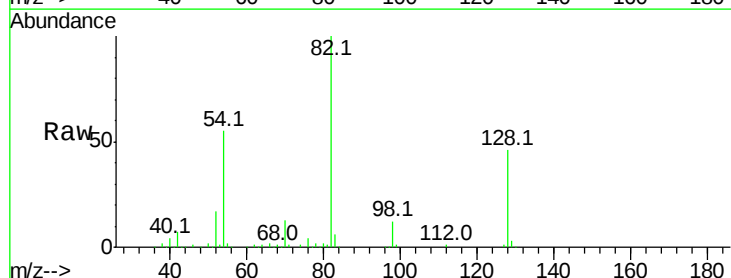
Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:28 PM



#23
Nitrobenzene-d5
Concen: 87.432 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	36.1	54.1	
54	54.5	41.4	62.2	





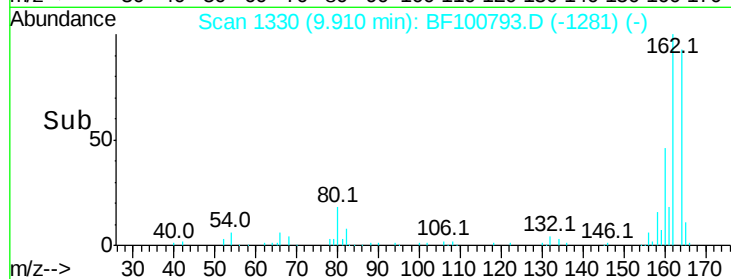
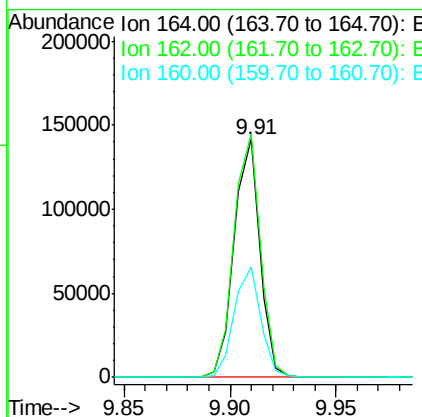
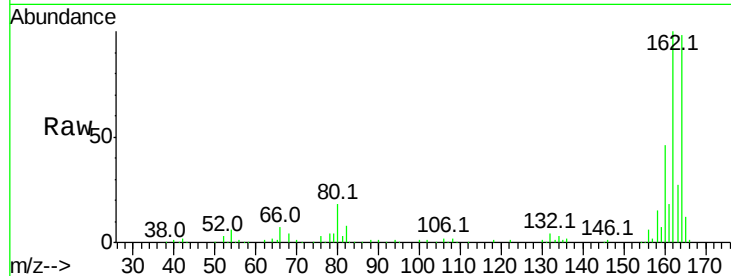
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PG1-1-E(7-8)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	118952		
162	102.3	86.1	129.1	
160	46.7	38.3	57.5	

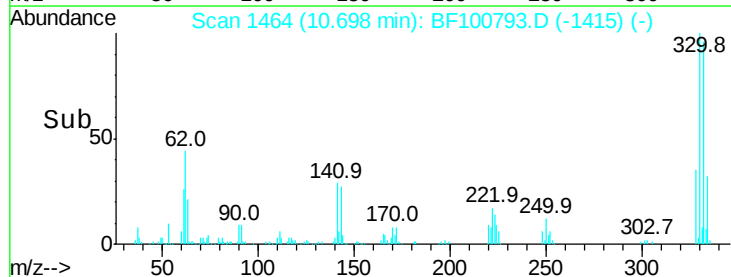
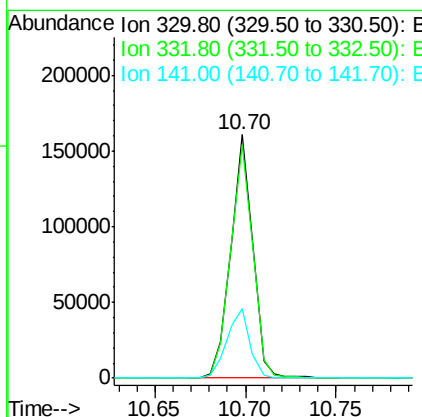
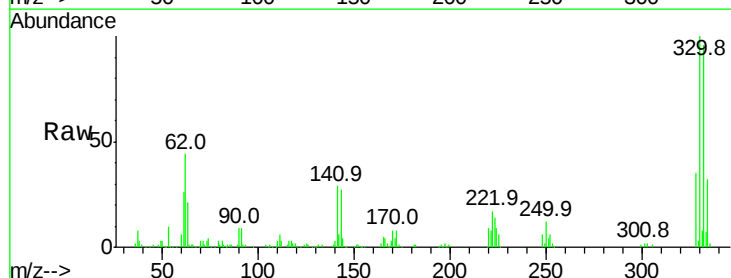
Manual Integrations
APPROVED

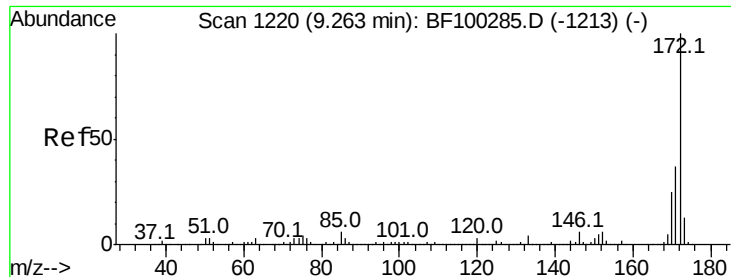
Sohil
11/22/2017 5:04:28 PM



#41
2,4,6-Tribromophenol
Concen: 112.627 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	136518		
332	98.1	77.0	115.6	
141	29.5	29.9	44.9#	





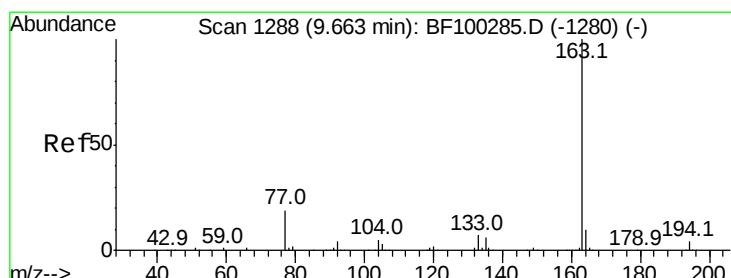
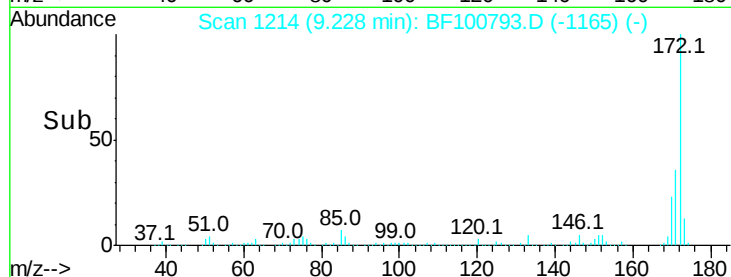
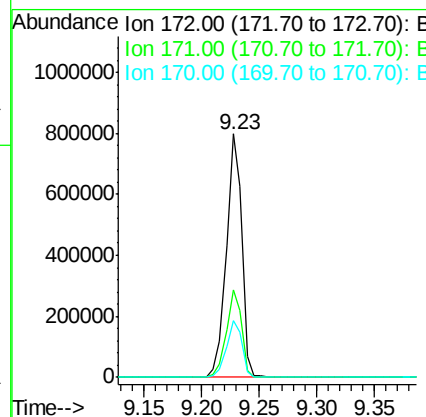
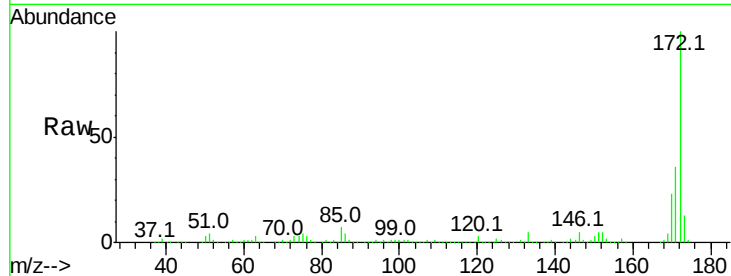
#44
2-Fluorobiphenyl
Concen: 94.842 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampled :
PG1-1-E(7-8)

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.7	44.5	
170	23.3	19.6	29.4	

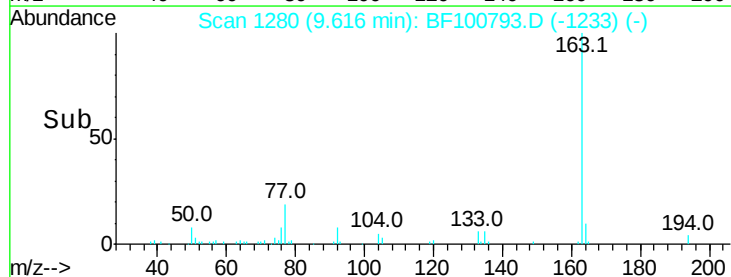
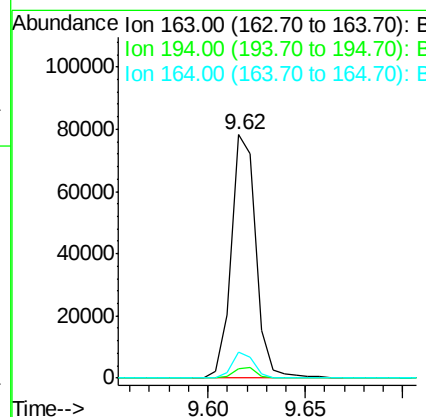
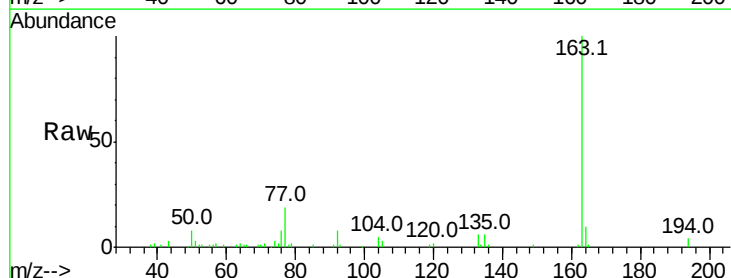
Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:28 PM



#49
Dimethylphthalate
Concen: 7.528 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.7	4.1	
164	10.4	8.2	12.2	





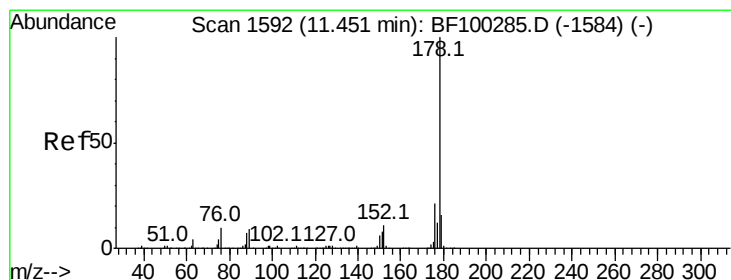
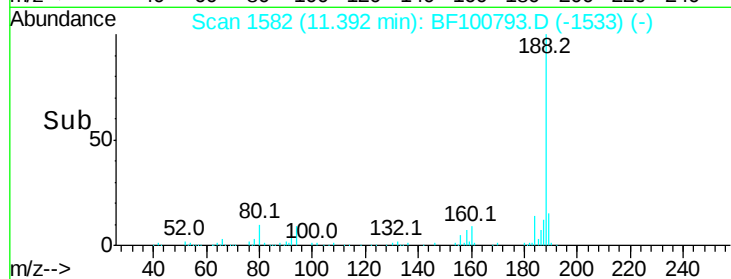
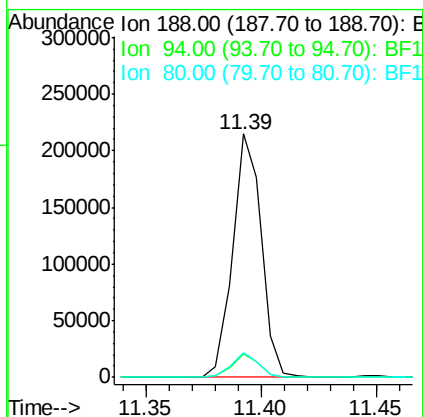
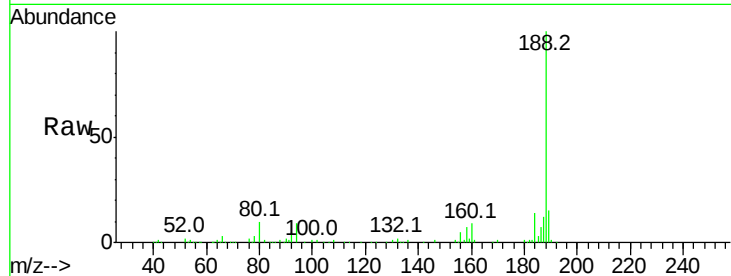
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PG1-1-E(7-8)

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.4	8.5	12.7
80	10.1	9.2	13.8

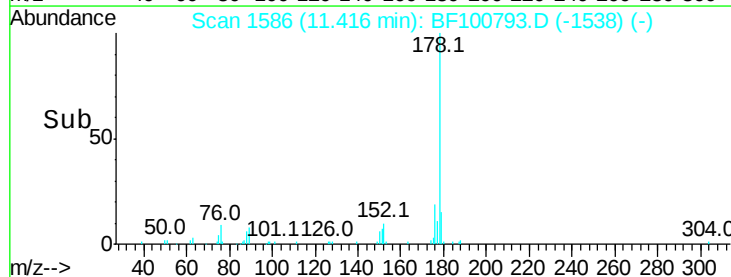
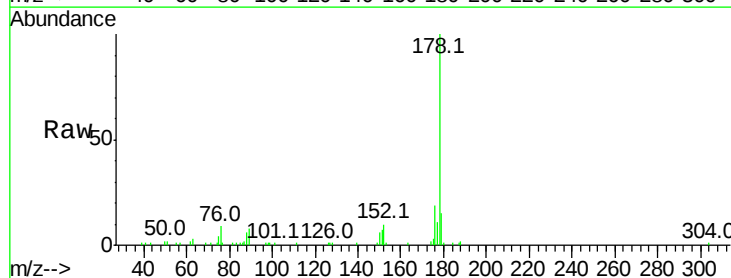
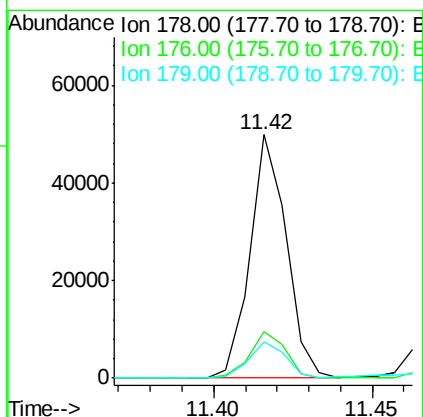
Manual Integrations
APPROVED

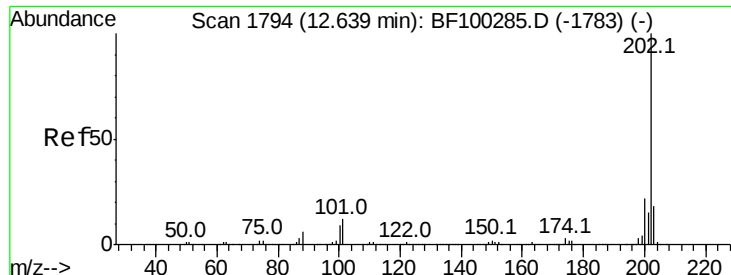
Sohil
11/22/2017 5:04:28 PM



#70
Phenanthrene
Concen: 4.053 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.1	15.8	23.8
179	15.1	13.0	19.6





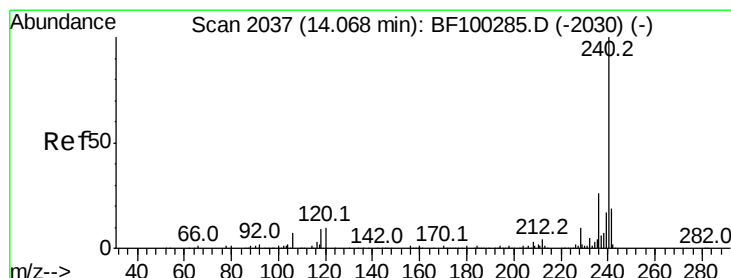
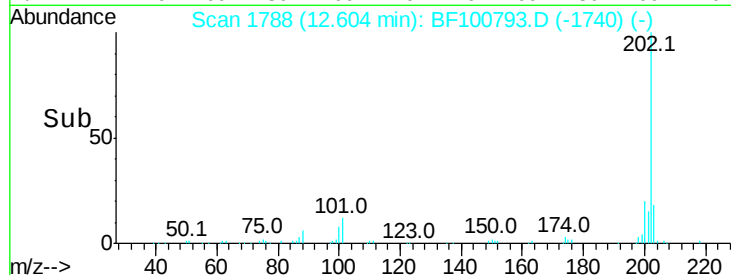
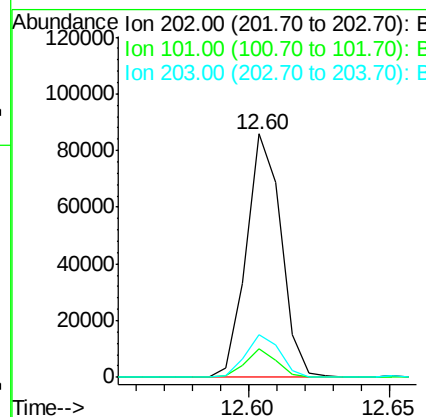
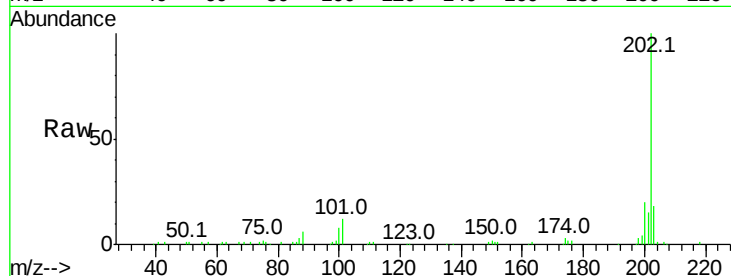
#74
Fluoranthene
Concen: 7.101 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PG1-1-E(7-8)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	34.1
203	17.8	0.0	38.1

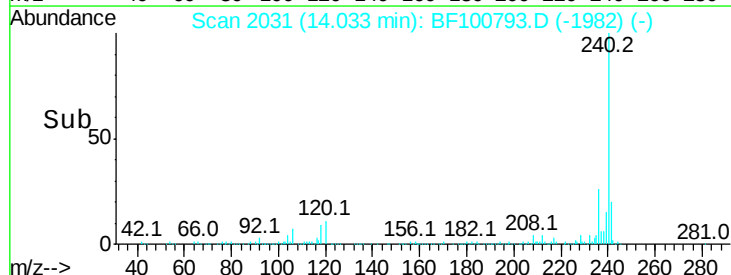
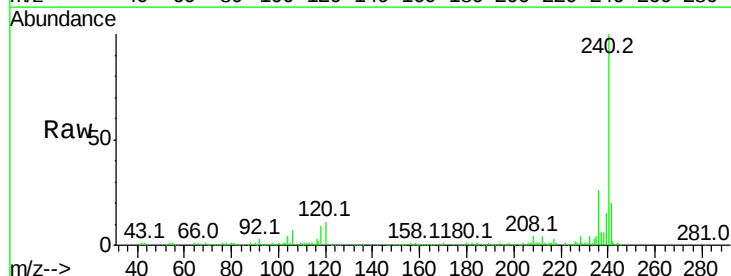
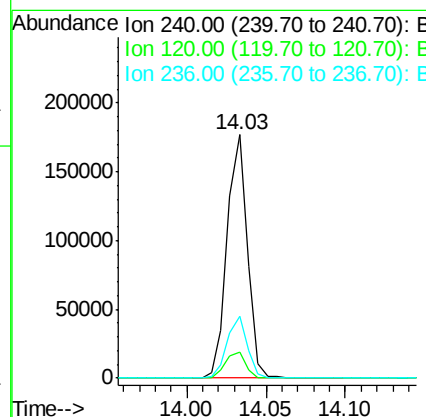
Manual Integrations
APPROVED

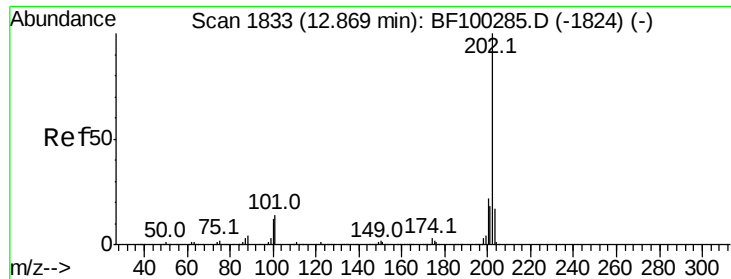
Sohil
11/22/2017 5:04:28 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.5	20.7	31.1





#77

Pvrene

Concen: 6.039 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF100793.D

Acq: 21 Nov 2017 21:00

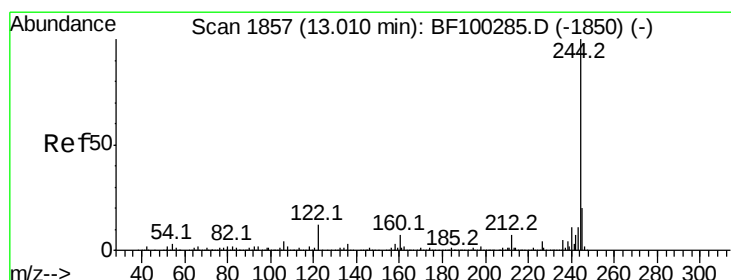
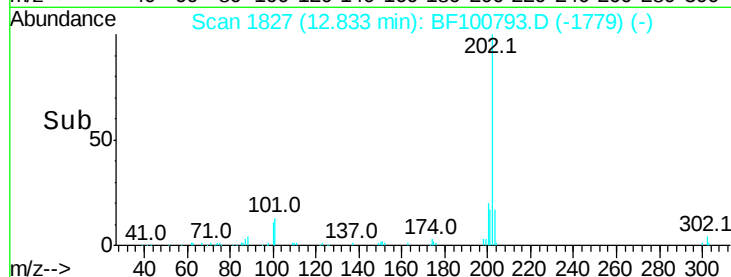
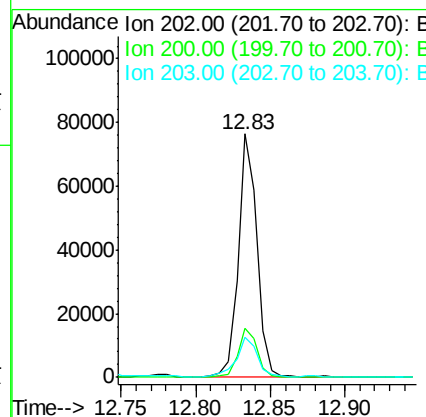
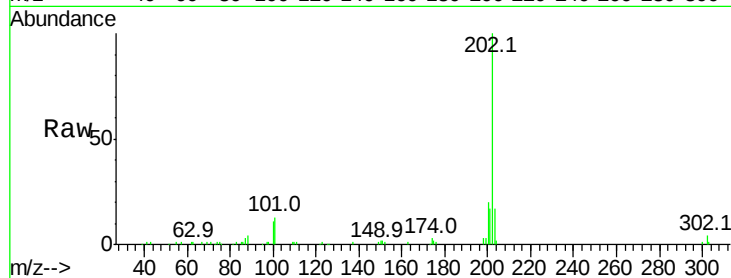
Instrument :
BNA_F

ClientSampleId :
PG1-1-E(7-8)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	16.6	14.3	21.5

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:28 PM



#78

Terphenyl-d14

Concen: 73.114 ng

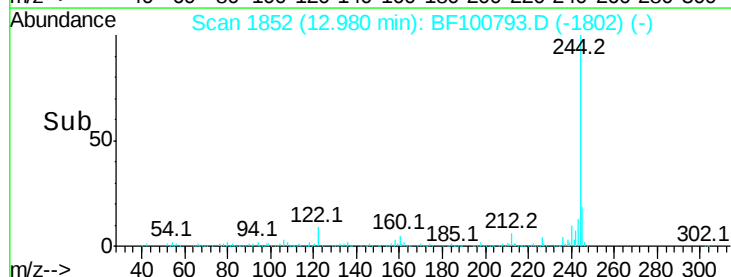
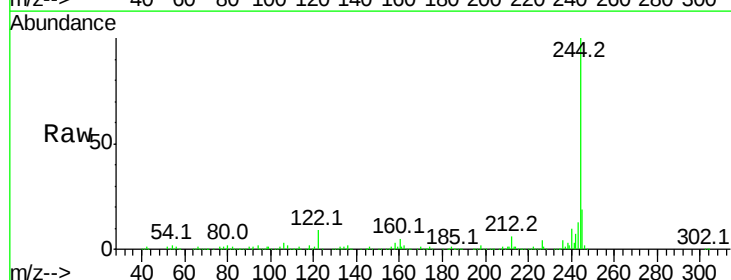
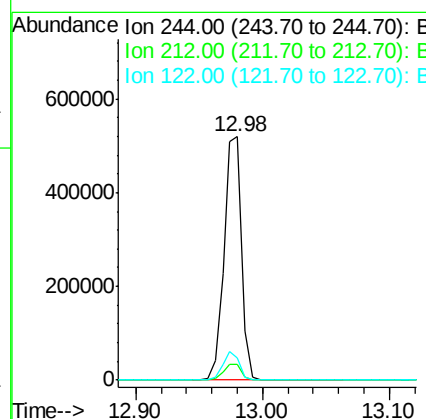
RT: 12.98 min Scan# 1852

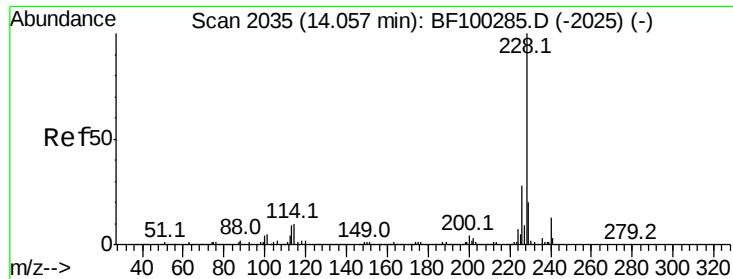
Delta R.T. -0.01 min

Lab File: BF100793.D

Acq: 21 Nov 2017 21:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.3	11.0	16.4





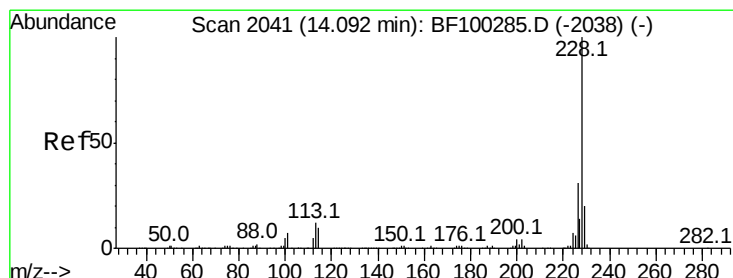
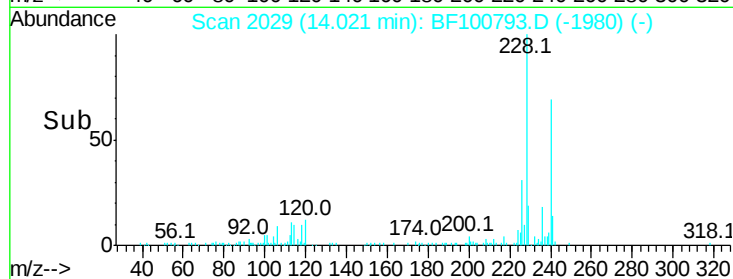
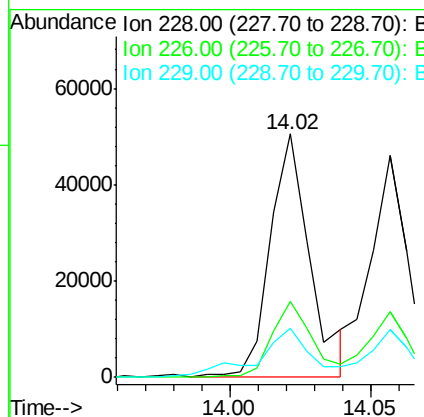
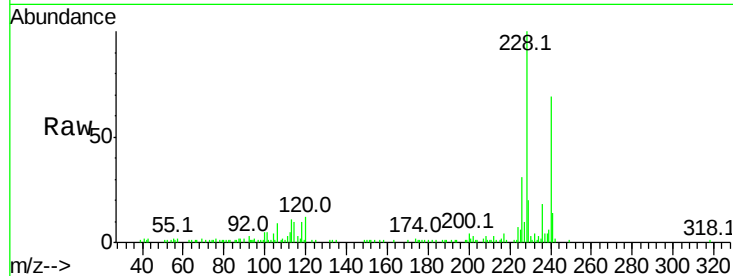
#80
Benzo(a)anthracene
Concen: 5.240 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PG1-1-E(7-8)

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	20.0	15.8	23.6

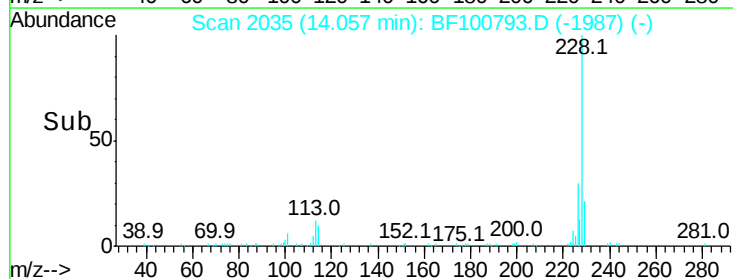
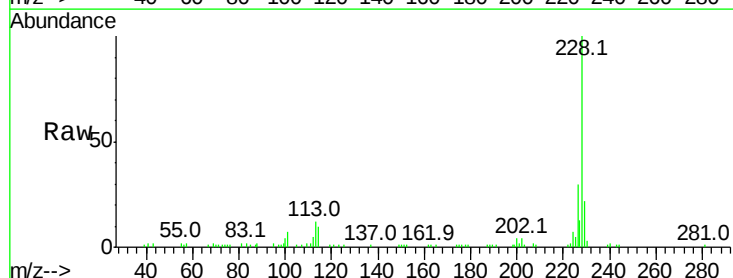
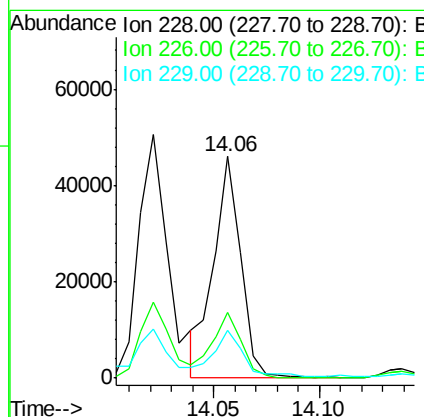
Manual Integrations
APPROVED

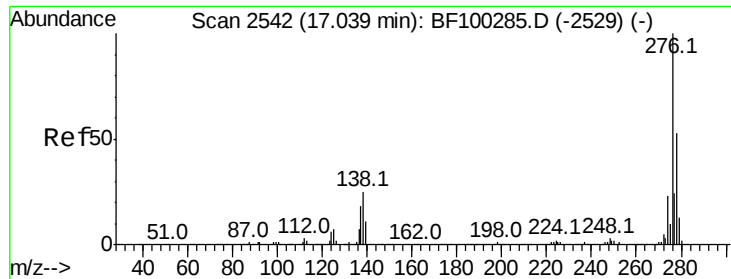
Sohil
11/22/2017 5:04:28 PM



#82
Chrysene
Concen: 4.555 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	21.7	16.2	24.4





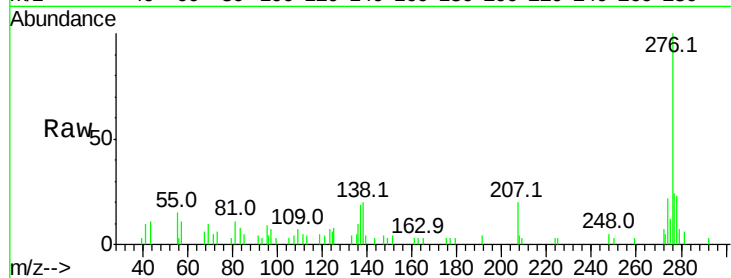
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.159 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PG1-1-E(7-8)

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.0	37.6
277	26.0	20.1	30.1

Manual Integrations
APPROVED

Sohil
11/22/2017 5:04:28 PM

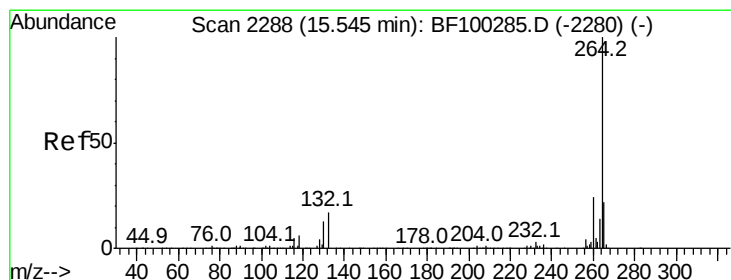
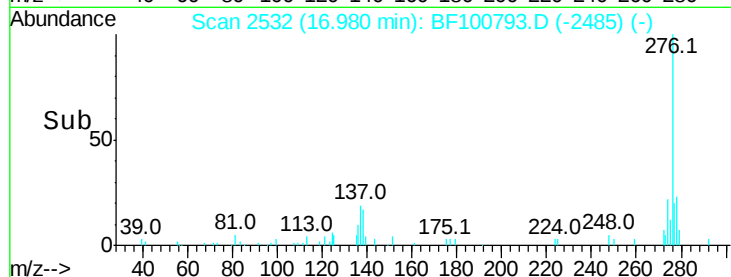
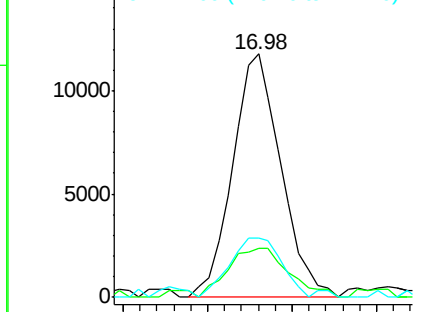


Abundance

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# 2281
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

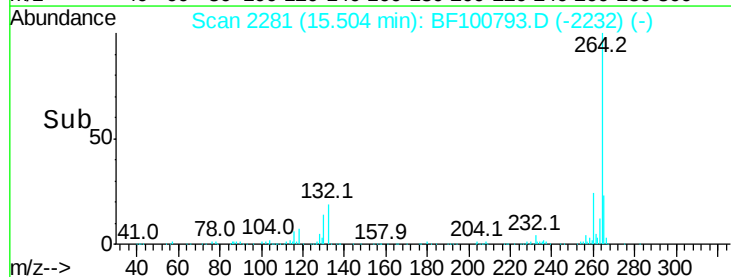
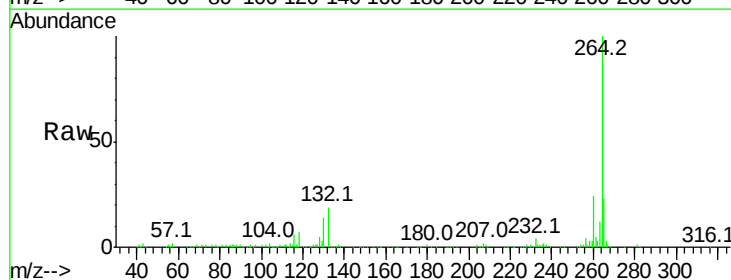
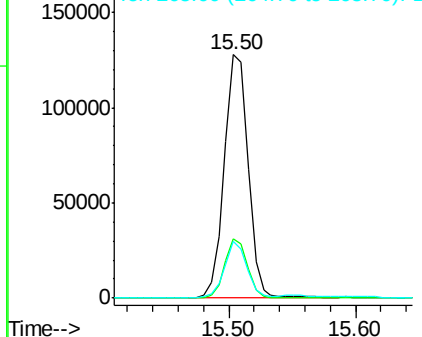
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.1	17.5	26.3

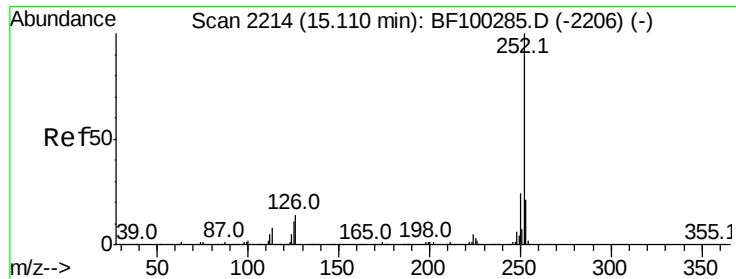
Abundance

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





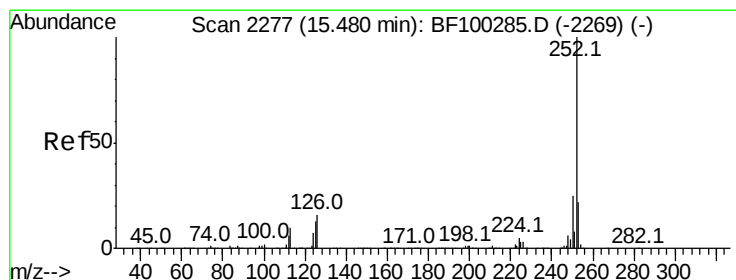
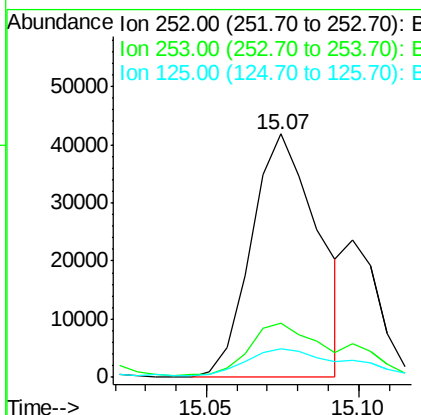
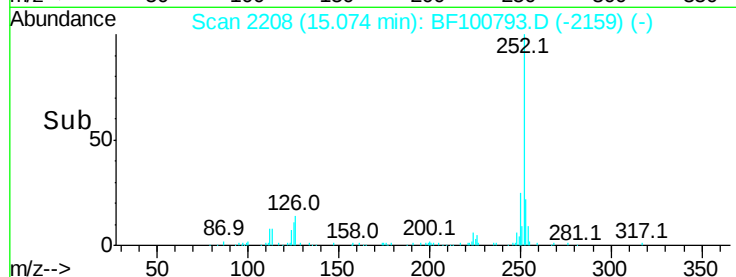
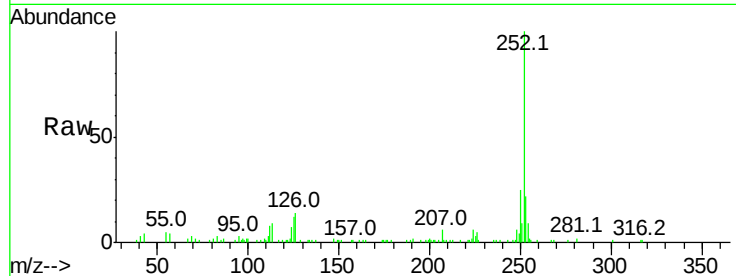
#87
Benzo(b)fluoranthene
Concen: 6.423 ng/mL
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PG1-1-E(7-8)

Tot Ion:	252	Resp:	63744
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	11.9	9.0	13.6

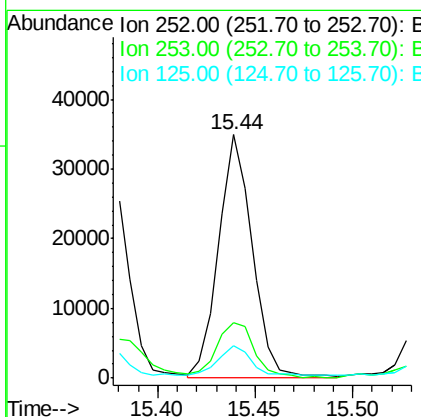
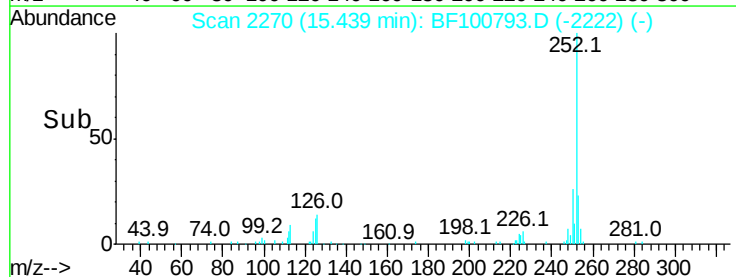
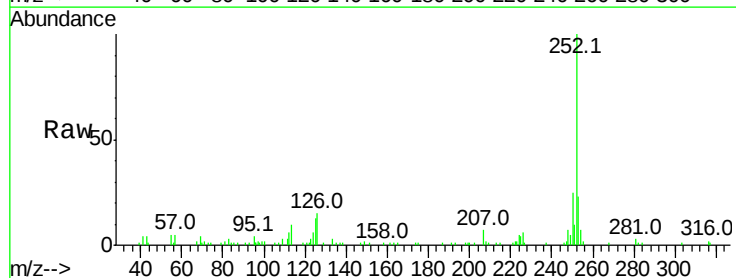
Manual Integrations
APPROVED

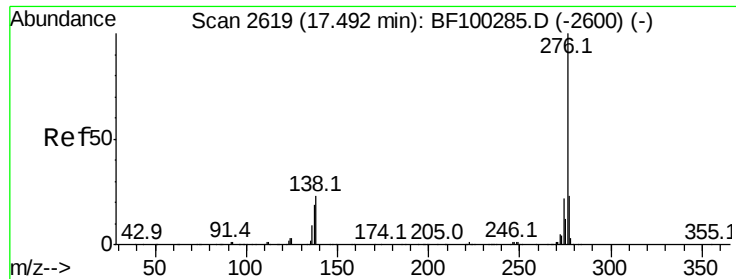
Sohil
11/22/2017 5:04:28 PM



#89
Benzo(a)pyrene
Concen: 4.784 ng/mL
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion:	252	Resp:	42094
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.1	25.7
125	13.3	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.014 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. -0.03 min
 Lab File: BF100793.D
 Acq: 21 Nov 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PG1-1-E(7-8)

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	26.3	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 11/22/2017 5:04:28 PM

