

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100766.D
 Acq On : 21 Nov 2017 8:21
 Operator : SJ/JU
 Sample : I6466-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-5-E(0-1)

Manual Integrations
 APPROVED

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 11/21/2017 2:17:27 PM

Quant Time: Nov 21 12:02:21 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	79998	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	304700	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	120696	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	187022	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	175068	20.00	ng	-0.01
86) Perylene-d12	15.51	264	122141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	426994	85.56	ng	0.00
7) Phenol-d6	6.50	99	520051	84.51	ng	-0.01
23) Nitrobenzene-d5	7.43	82	309807	67.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	85490	69.51	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	547745	69.10	ng	-0.01
78) Terphenyl-d14	12.97	244	370038	48.57	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	26570	4.113	ng	90
74) Fluoranthene	12.60	202	28343	2.716	ng	97
77) Pyrene	12.83	202	30912	2.477	ng	99
80) Benzo(a)anthracene	14.02	228	21168	2.008	ng	# 85
87) Benzo(b)fluoranthene	15.07	252	16624m	2.297	ng	

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

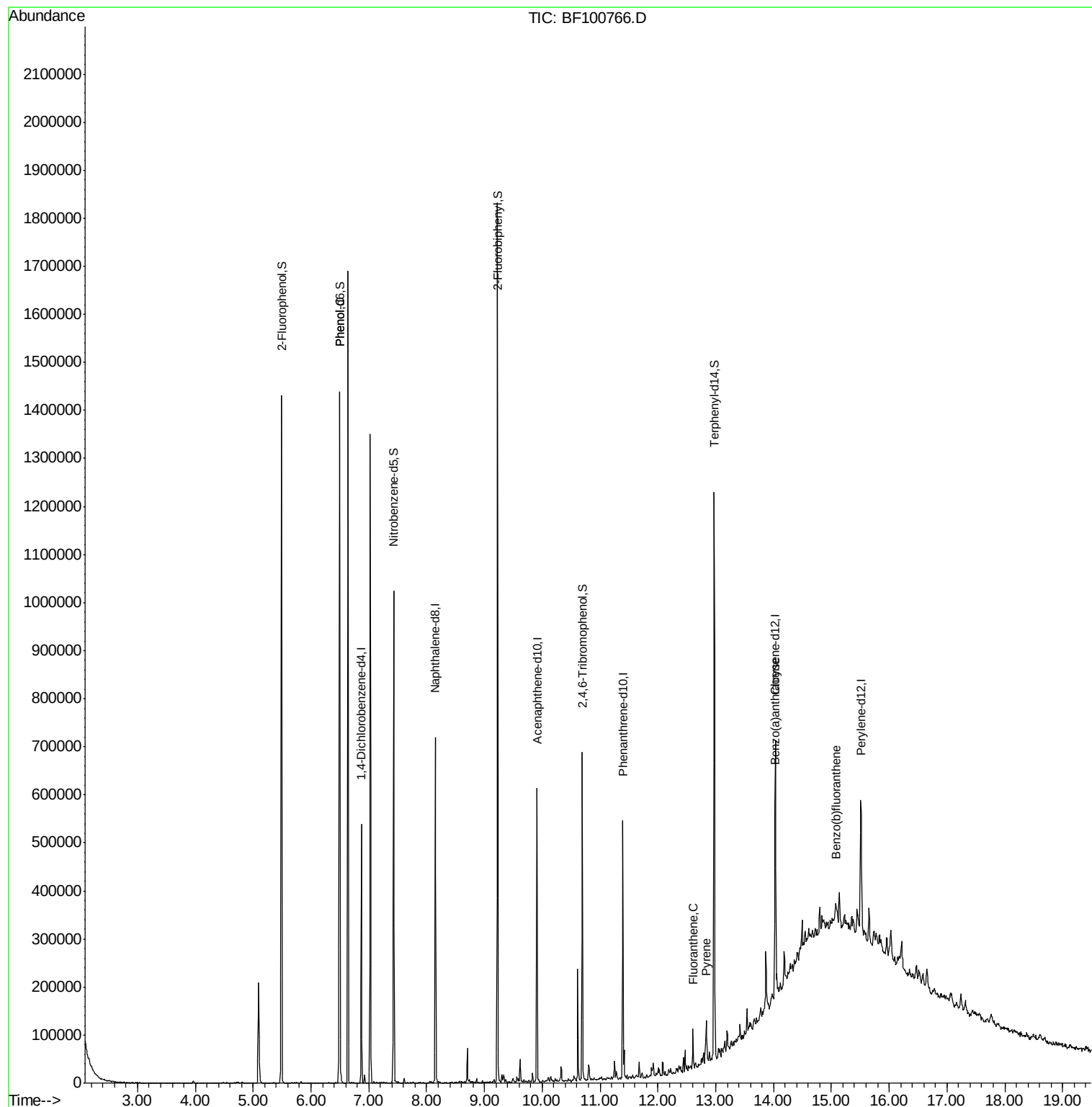
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100766.D
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Operator : SJ/JU
Sample : I6466-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

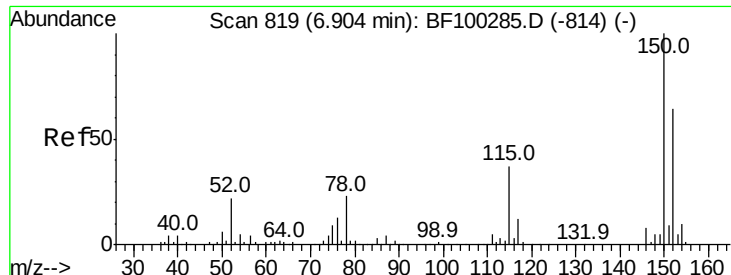
Instrument :
BNA_F
ClientSampleId :
CHAP-5-E(0-1)

Manual Integrations
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11/21/2017 2:17:27 PM

Quant Time: Nov 21 12:02:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

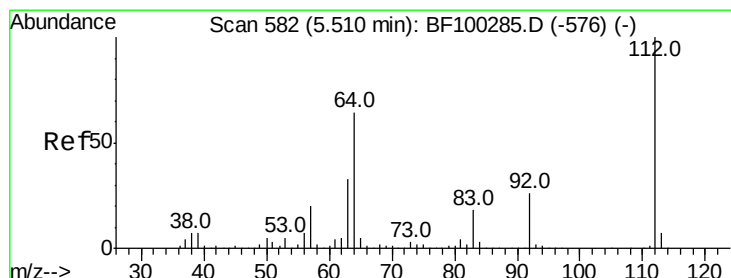
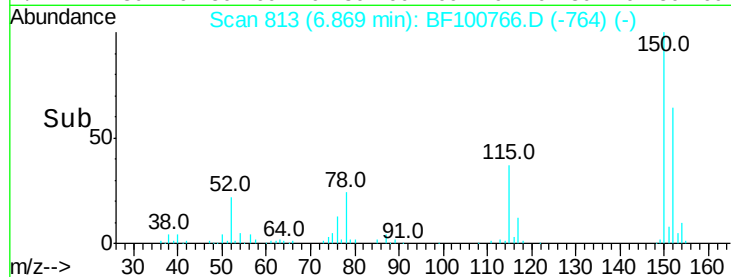
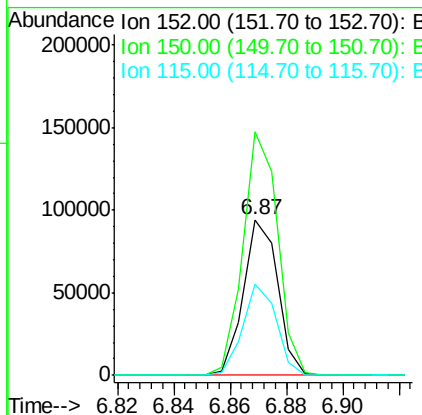
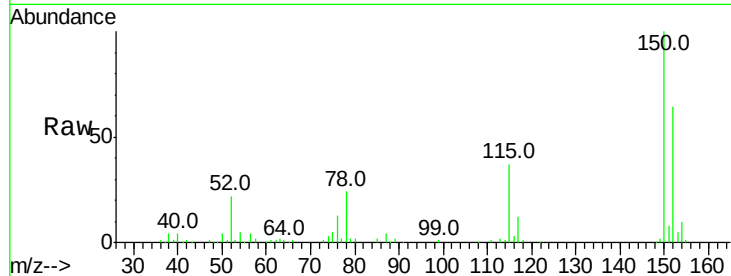
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100766.D
Acq: 21 Nov 2017 8:21

Instrument :
BNA_F
ClientSampleId :
CHAP-5-E(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	58.6	50.1	75.1

Manual Integrations
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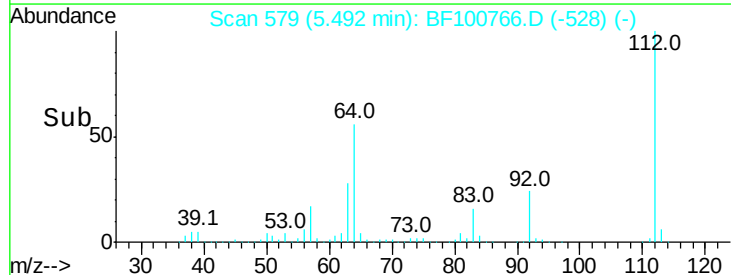
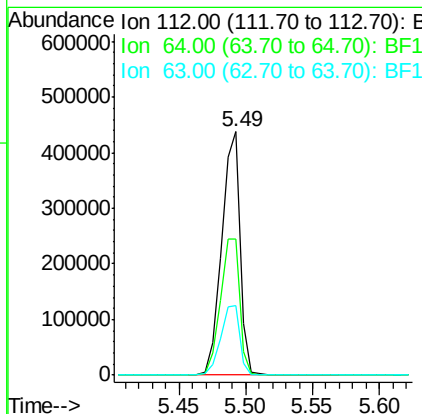
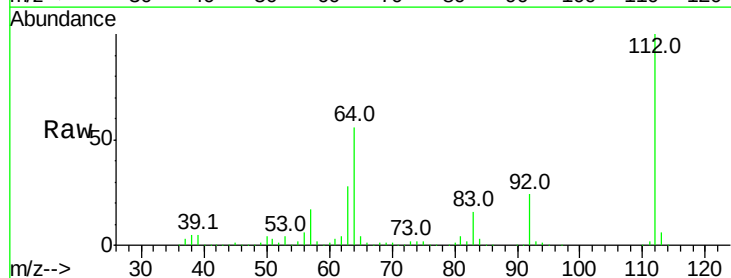
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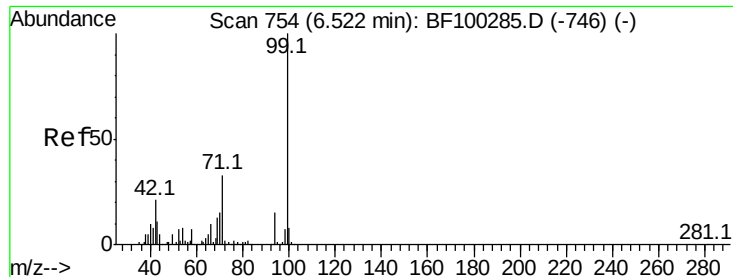


#5

2-Fluorophenol
Concen: 85.560 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100766.D
Acq: 21 Nov 2017 8:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	28.4	23.7	35.5





#7

Phenol-d6

Concen: 84.506 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100766.D

Acq: 21 Nov 2017 8:21

Instrument :

BNA_F

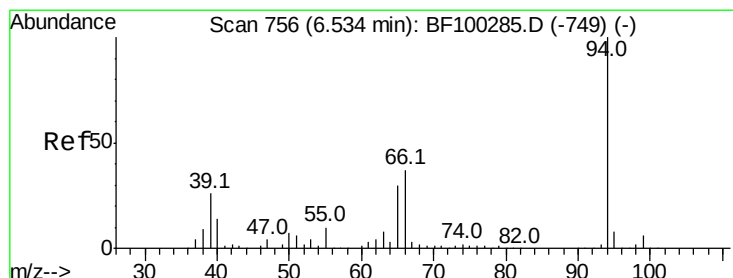
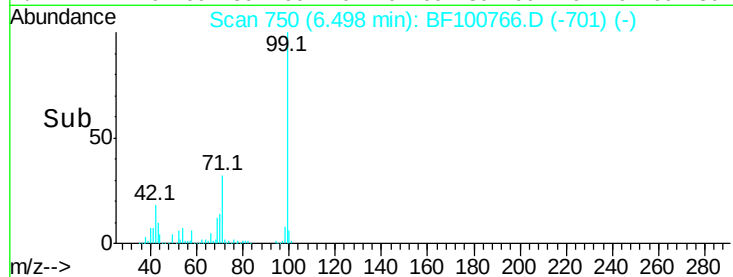
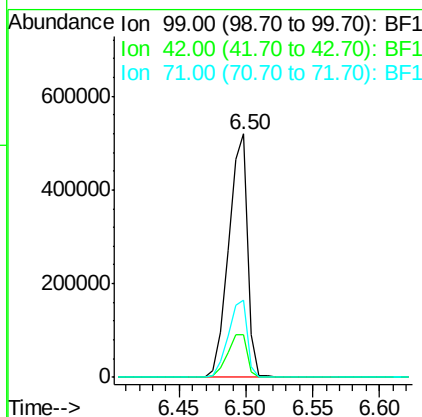
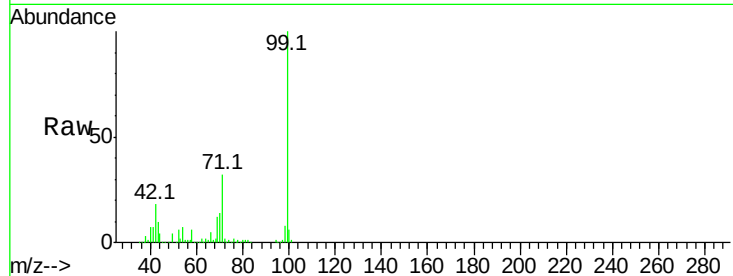
ClientSampleId :

CHAP-5-E(0-1)

Tot Ion:	99	Resp:	520051
Ion Ratio	Lower	Upper	
99	100		
42	17.7	14.5	21.7
71	31.9	25.4	38.0

Manual Integrations
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#10

Phenol

Concen: 4.113 ng

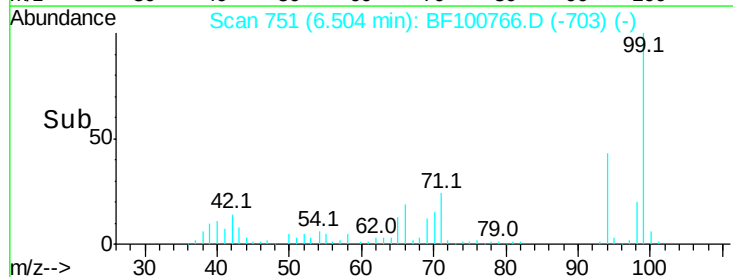
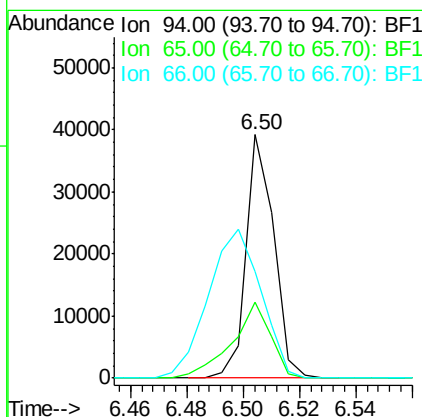
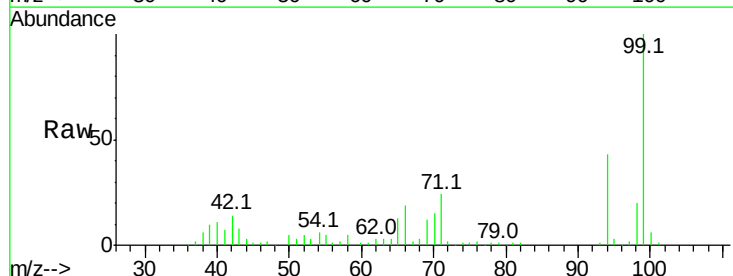
RT: 6.50 min Scan# 751

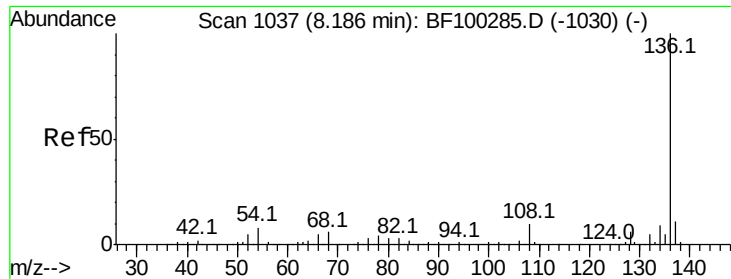
Delta R.T. -0.02 min

Lab File: BF100766.D

Acq: 21 Nov 2017 8:21

Tgt Ion:	94	Resp:	26570
Ion Ratio	Lower	Upper	
94	100		
65	31.2	7.9	47.9
66	44.0	16.2	56.2





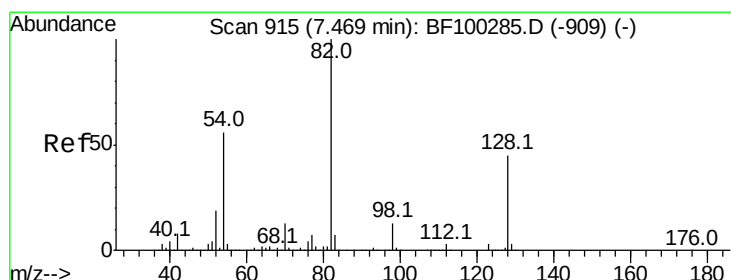
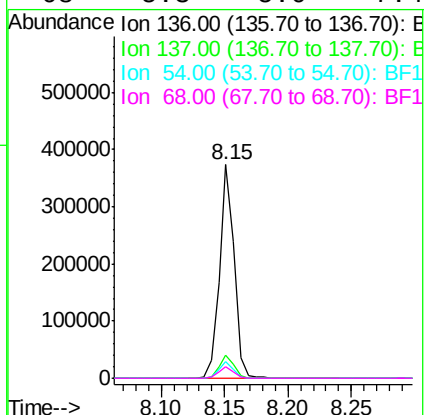
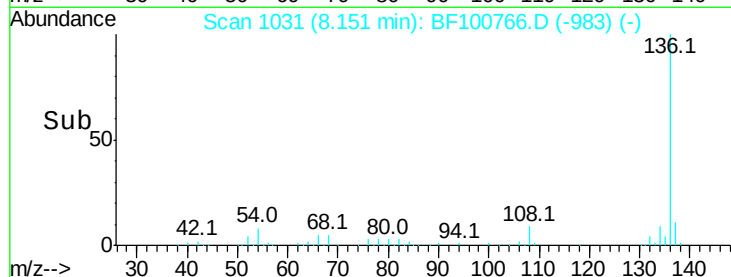
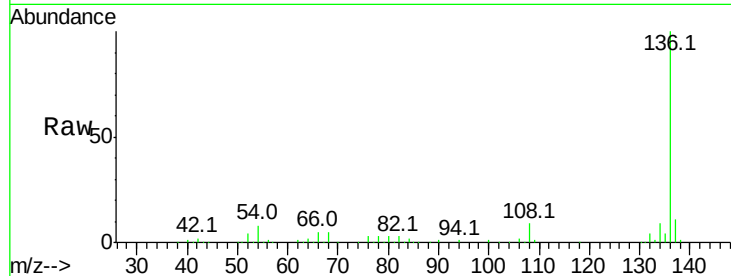
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100766.D
Acq: 21 Nov 2017 8:21

Instrument :
BNA_F
ClientSampleId :
CHAP-5-E(0-1)

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.9	6.6	9.8
68	5.3	5.0	7.4

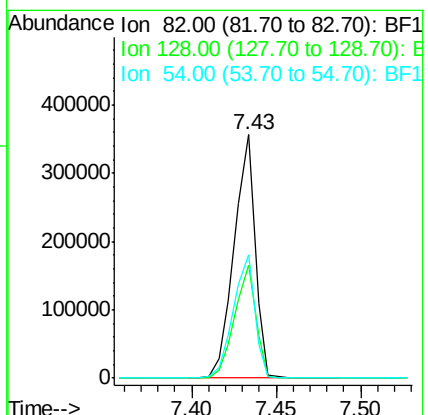
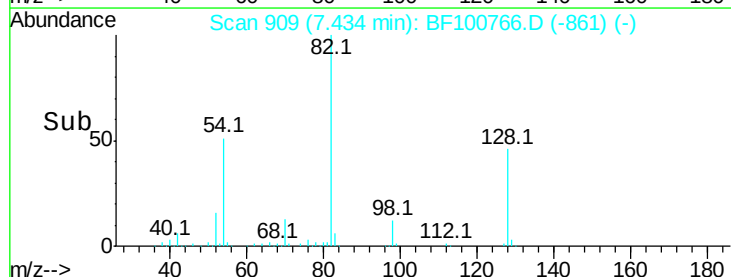
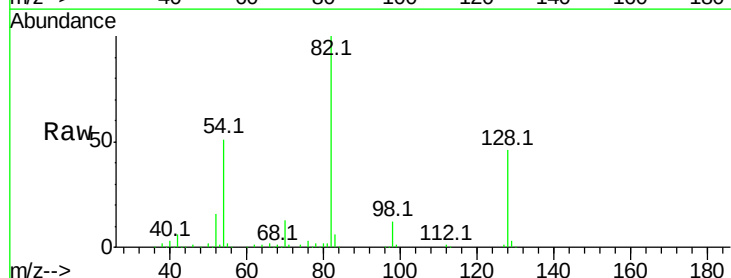
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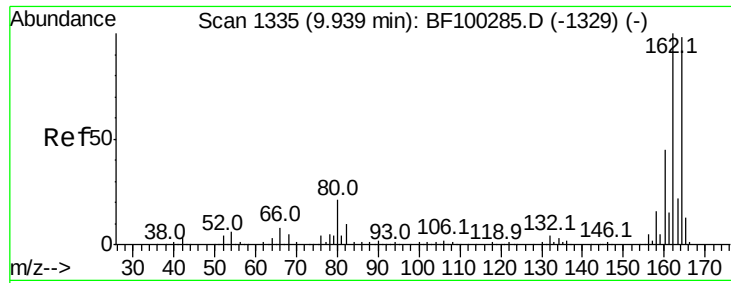
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#23
Nitrobenzene-d5
Concen: 67.221 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100766.D
Acq: 21 Nov 2017 8:21

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	46.3	36.1	54.1
54	50.8	41.4	62.2





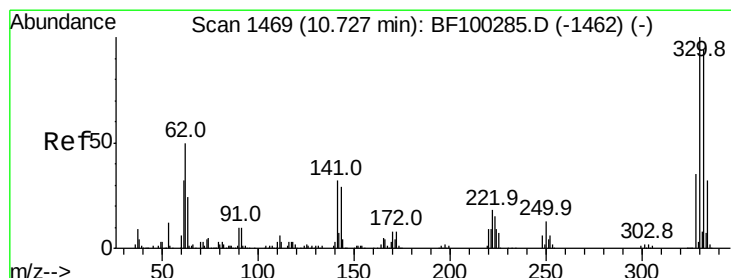
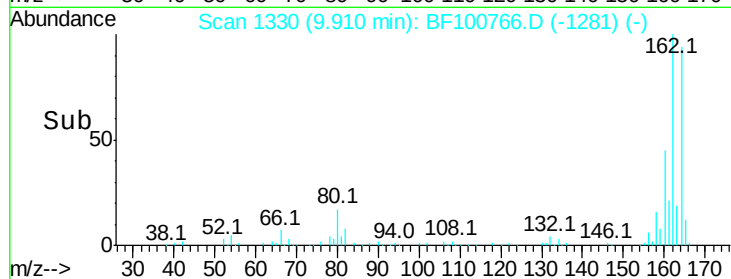
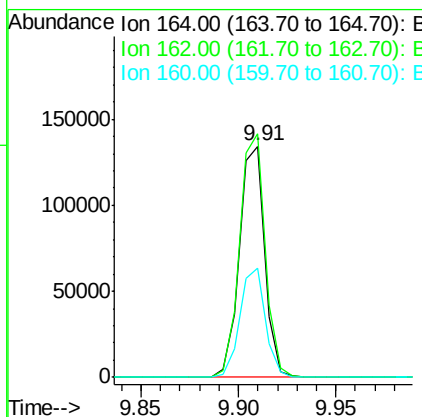
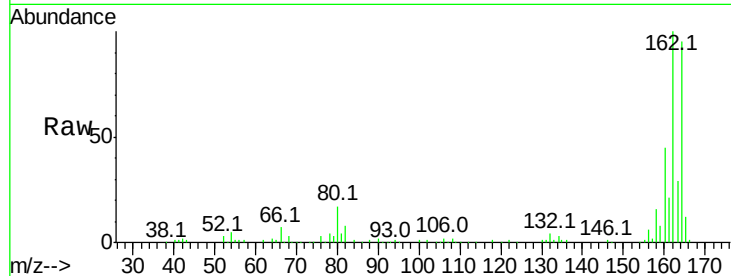
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100766.D
Acq: 21 Nov 2017 8:21

Instrument :
BNA_F
ClientSampleId :
CHAP-5-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	120696		
162	105.5	86.1	129.1	
160	47.3	38.3	57.5	

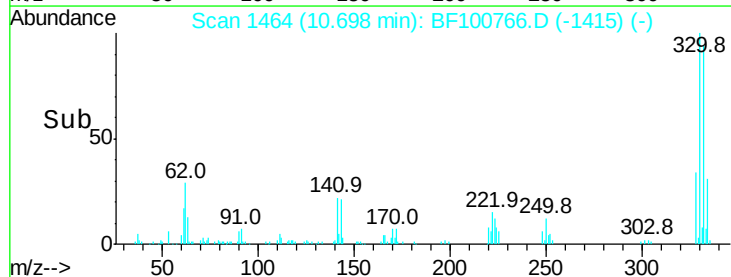
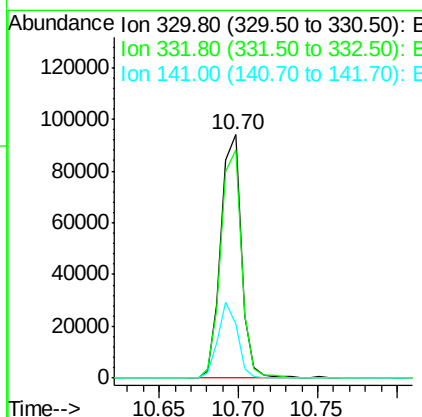
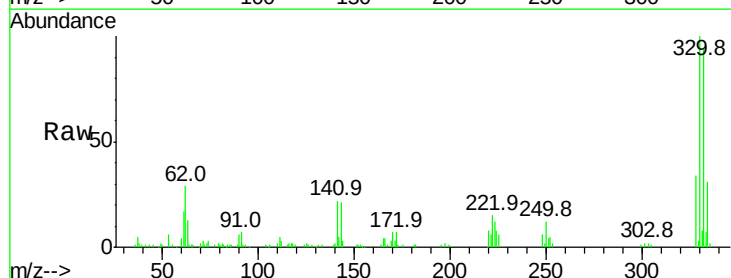
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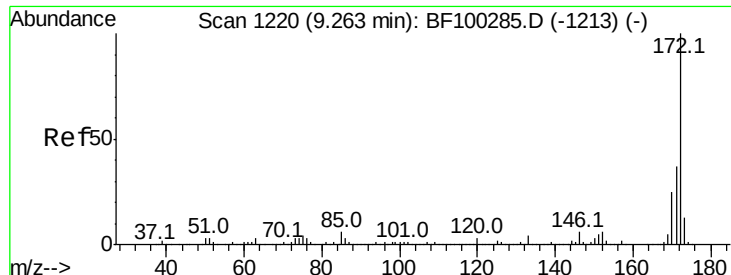
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#41
2,4,6-Tribromophenol
Concen: 69.510 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100766.D
Acq: 21 Nov 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	85490		
332	94.8	77.0	115.6	
141	29.7	29.9	44.9#	





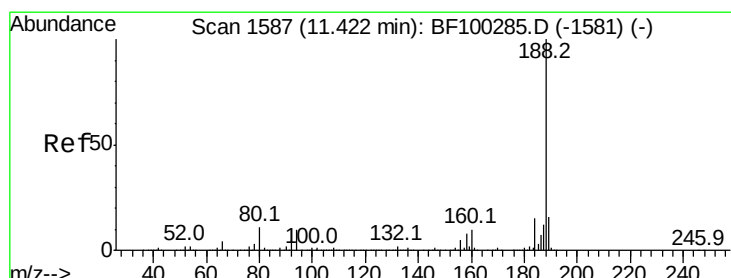
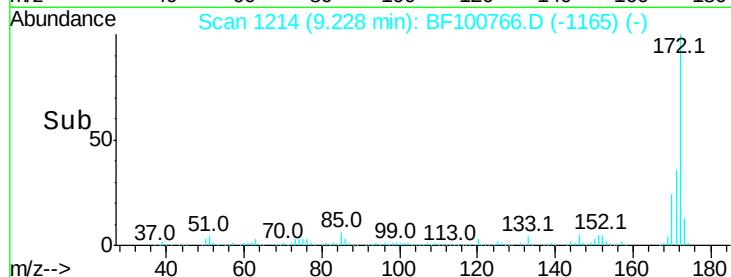
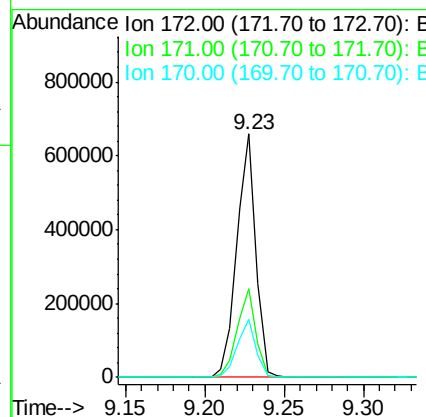
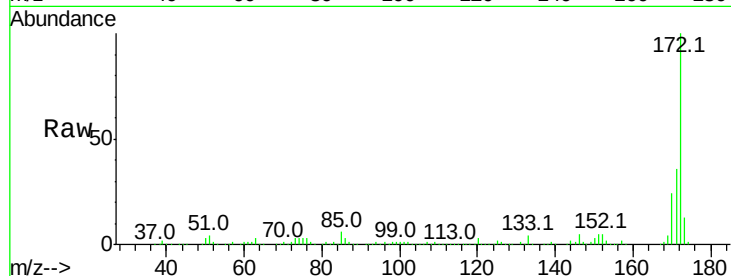
#44
2-Fluorobiphenyl
Concen: 69.104 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100766.D
Acq: 21 Nov 2017 8:21

Instrument :
BNA_F
ClientSampleId :
CHAP-5-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	547745		
171	36.4		29.7	44.5
170	24.0		19.6	29.4

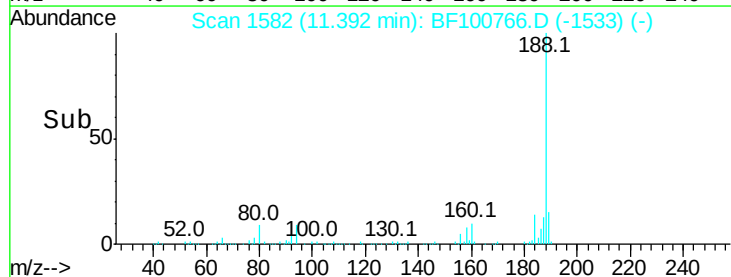
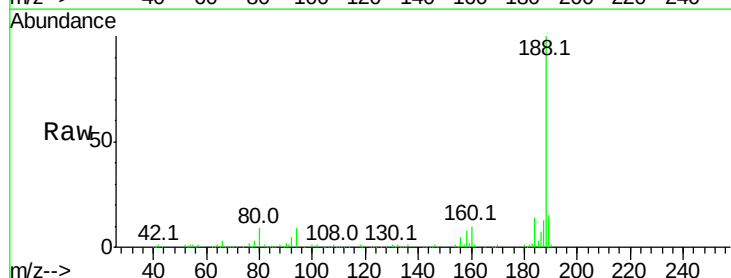
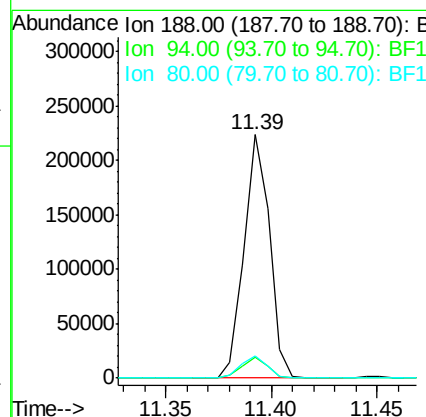
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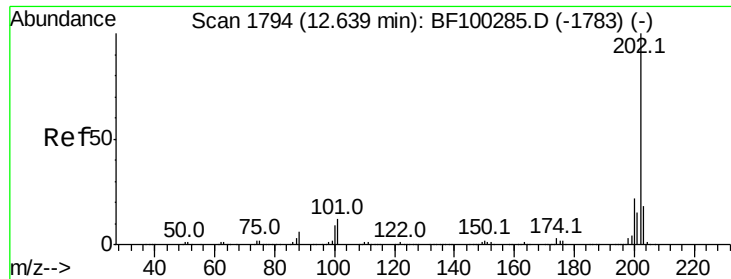
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100766.D
Acq: 21 Nov 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	187022		
94	8.8		8.5	12.7
80	9.2		9.2	13.8





#74

Fluoranthene

Concen: 2.716 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF100766.D

Acq: 21 Nov 2017 8:21

Instrument :

BNA_F

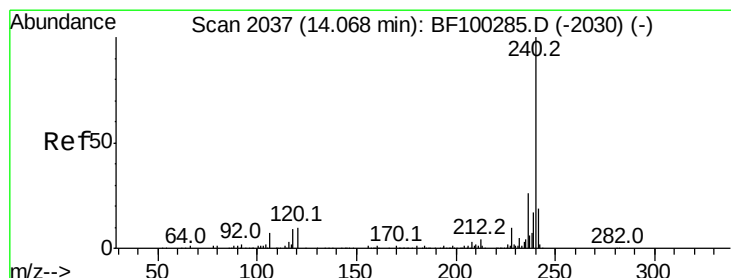
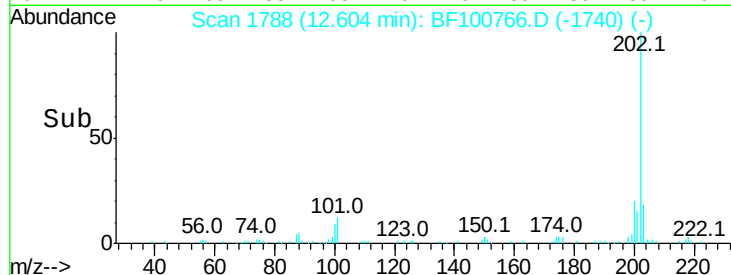
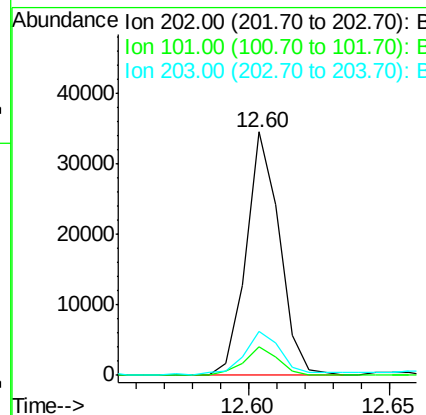
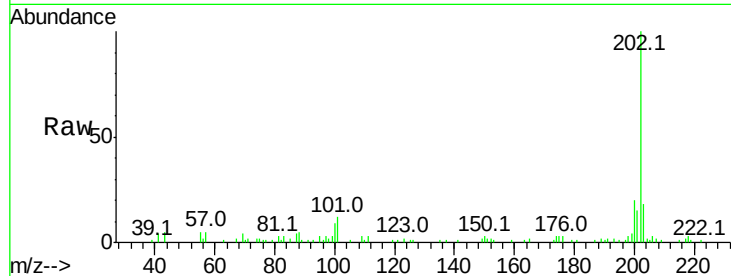
ClientSampleId :

CHAP-5-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	28343		
101	11.7	0.0	34.1	
203	18.1	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

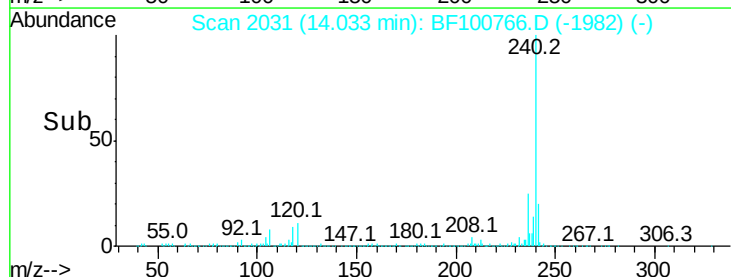
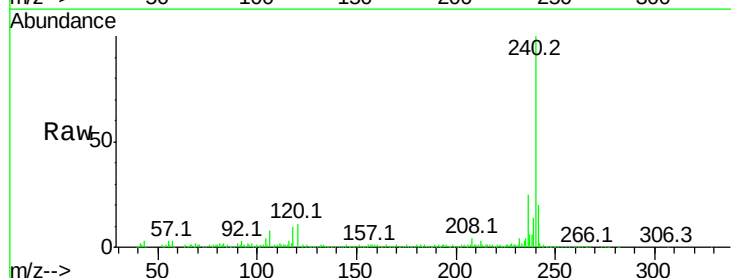
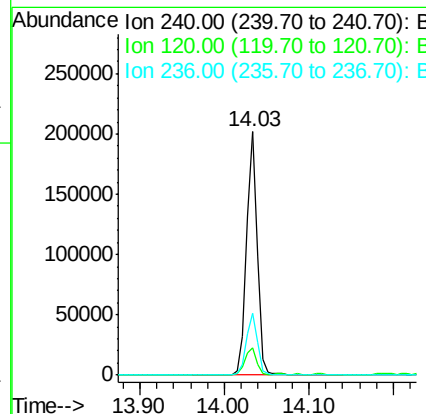
RT: 14.03 min Scan# 2031

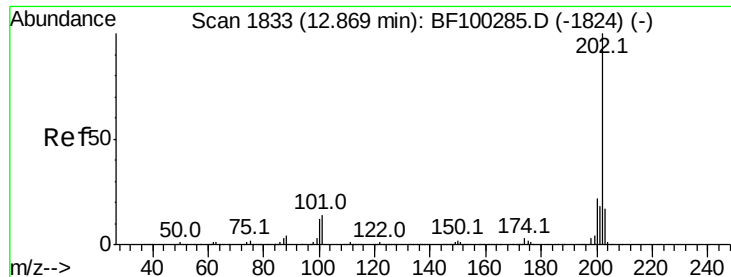
Delta R.T. -0.01 min

Lab File: BF100766.D

Acq: 21 Nov 2017 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	175068		
120	11.1	9.5	14.3	
236	25.4	20.7	31.1	





#77

Pvrene

Concen: 2.477 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF100766.D

Acq: 21 Nov 2017 8:21

Instrument :

BNA_F

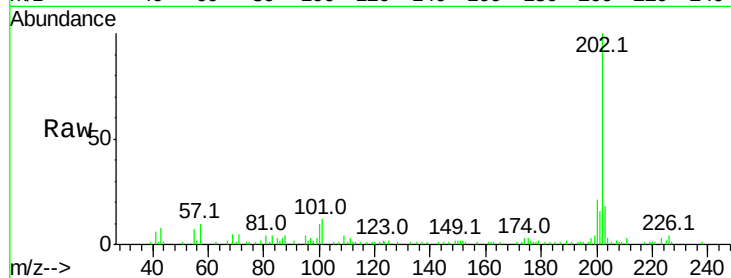
ClientSampleId :

CHAP-5-E(0-1)

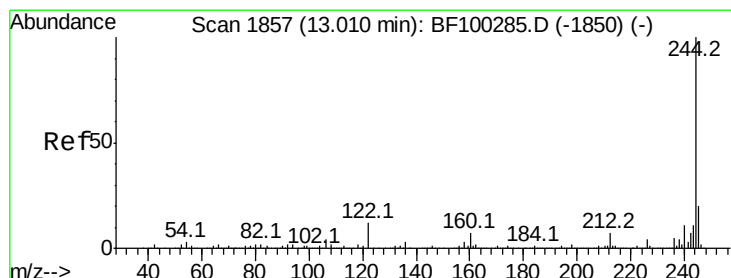
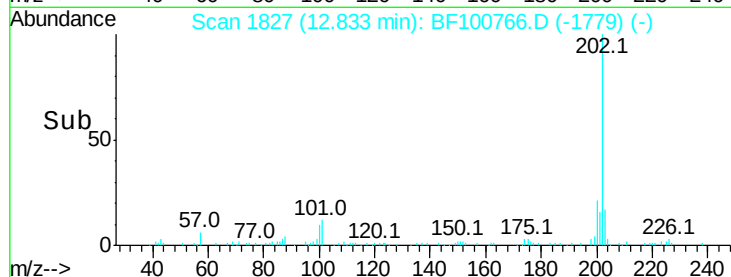
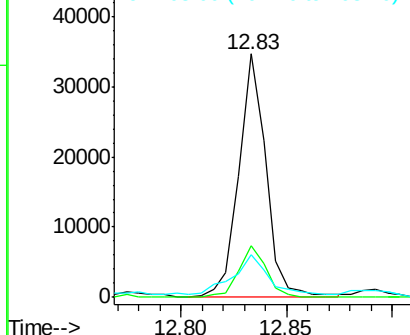
Tot Ion:	202	Resp:	30912
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	17.7	14.3	21.5

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 48.566 ng

RT: 12.97 min Scan# 1851

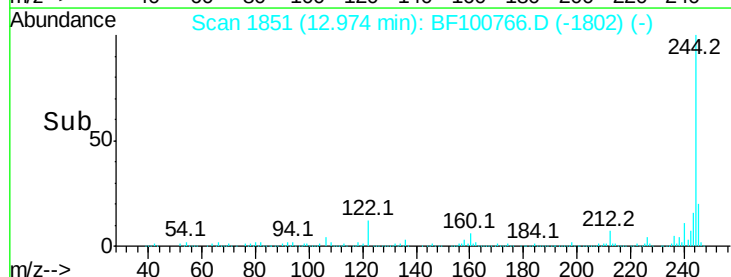
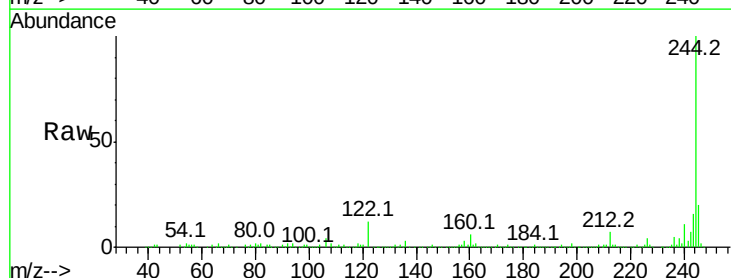
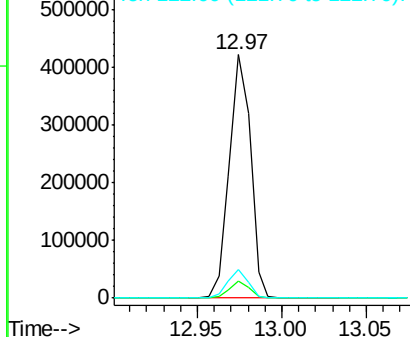
Delta R.T. -0.01 min

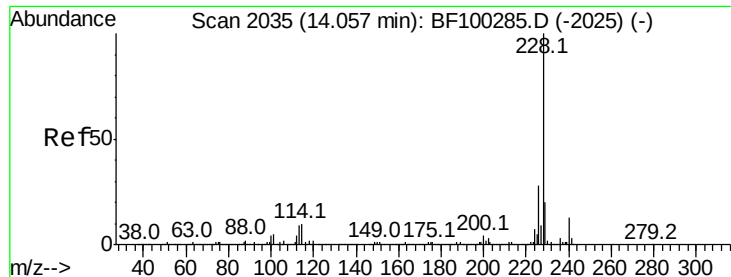
Lab File: BF100766.D

Acq: 21 Nov 2017 8:21

Tgt Ion:	244	Resp:	370038
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	11.9	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





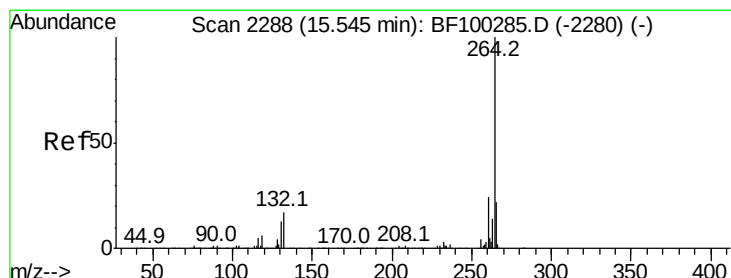
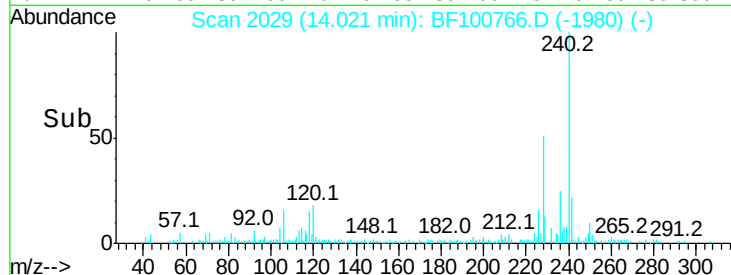
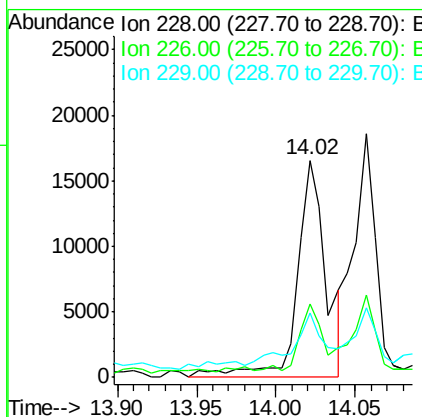
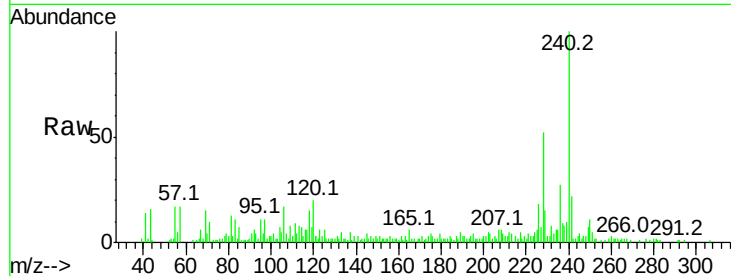
#80
Benzo(a)anthracene
Concen: 2.008 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100766.D
Acq: 21 Nov 2017 8:21

Instrument :
BNA_F
ClientSampled :
CHAP-5-E(0-1)

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.9	22.6	33.8#
229	29.5	15.8	23.6#

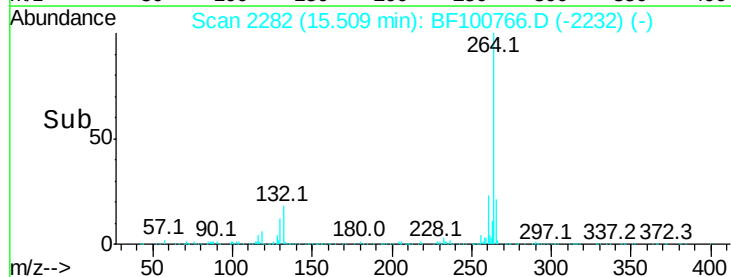
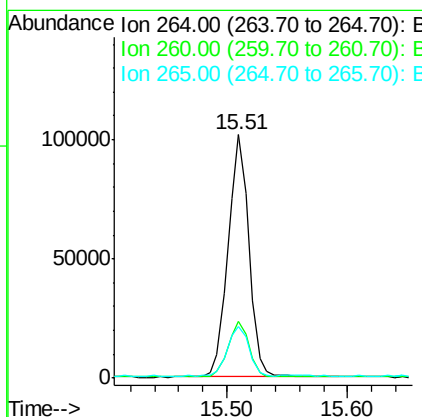
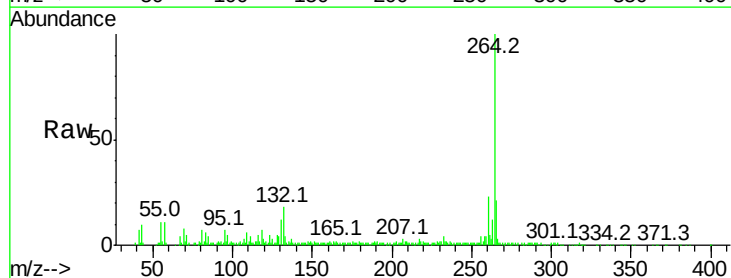
Manual Integrations
APPROVED

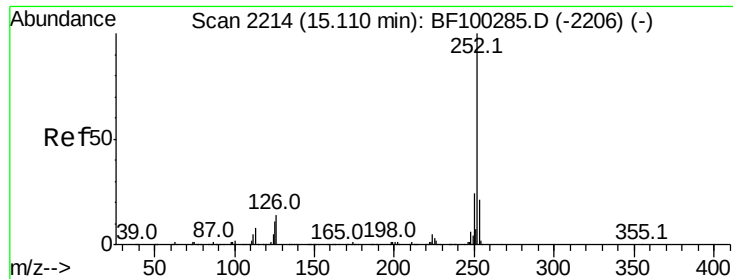
SOHIL
11/21/2017 2:17:27 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100766.D
Acq: 21 Nov 2017 8:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.297 ng/mL
 RT: 15.07 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BF100766.D
 Acq: 21 Nov 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-5-E(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.5	17.0	25.6
125	32.9	9.0	13.6

Manual Integrations
 APPROVED

SOHIL
 11/21/2017 2:17:27 PM

