

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100823.D
 Acq On : 22 Nov 2017 13:45
 Operator : SJ/JU
 Sample : I6310-07 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112017-B

Manual Integrations
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Quant Time: Nov 24 00:21:36 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	81137	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	302027	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	121289	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	184186	20.00	ng	0.00
75) Chrysene-d12	14.03	240	174538	20.00	ng	-0.01
86) Perylene-d12	15.51	264	156207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	97941	19.35	ng	-0.01
7) Phenol-d6	6.49	99	119930	19.21	ng	-0.02
23) Nitrobenzene-d5	7.43	82	67420	14.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	22459	18.17	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	140228	17.60	ng	-0.01
78) Terphenyl-d14	12.98	244	94663	12.46	ng	0.00

Target Compounds Qvalue

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

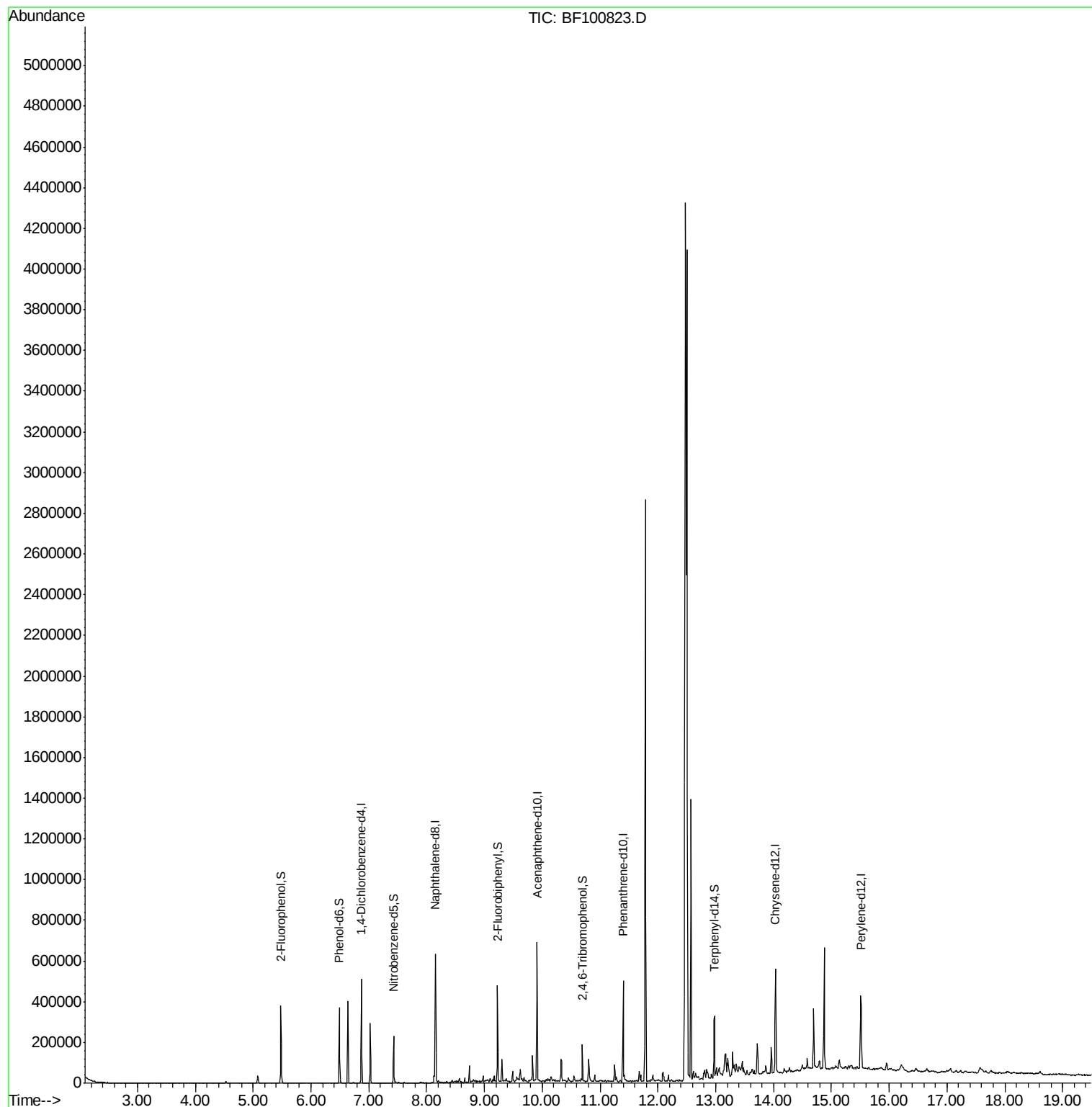
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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Operator : SJ/JU
Sample : I6310-07 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

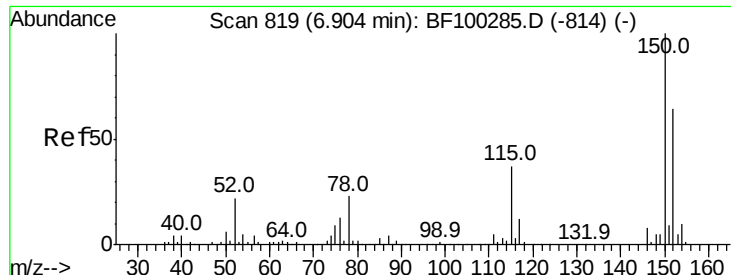
Instrument :
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AU-05-112017-B

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Quant Time: Nov 24 00:21:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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Response via : Initial Calibration





#1

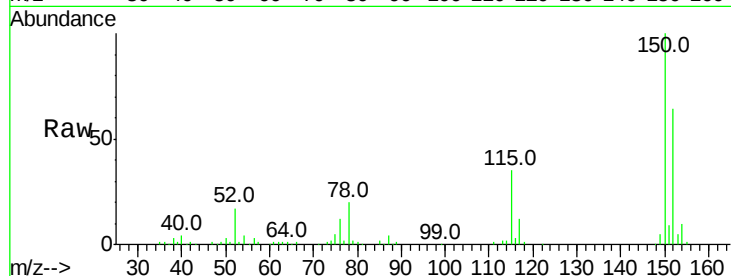
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100823.D
Acq: 22 Nov 2017 13:45

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	55.5	50.1	75.1

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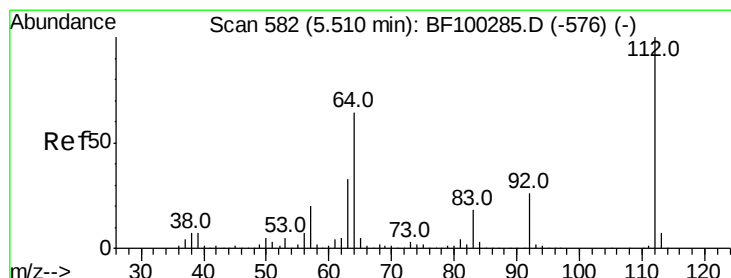
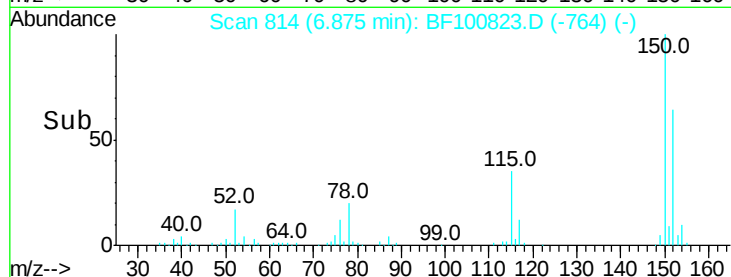
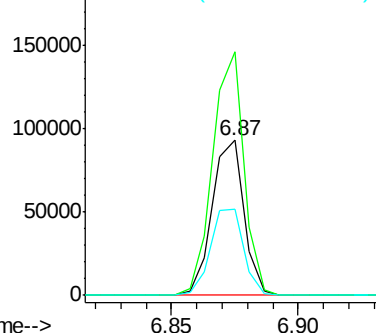


Abundance

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: 19.350 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF100823.D
Acq: 22 Nov 2017 13:45

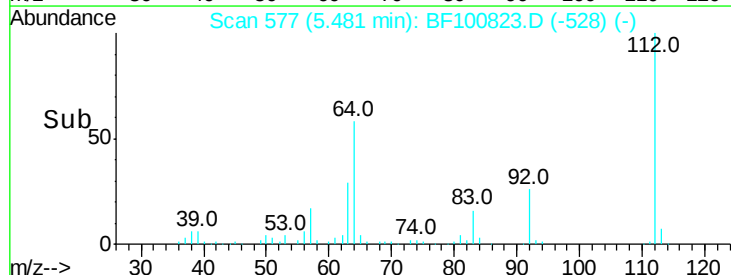
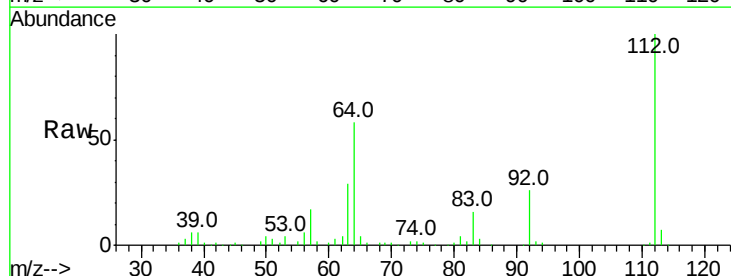
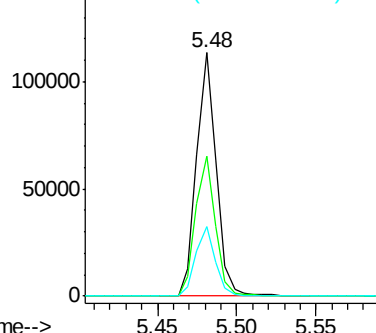
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	28.6	23.7	35.5

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: 19.215 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100823.D

Acq: 22 Nov 2017 13:45

Instrument :

BNA_F

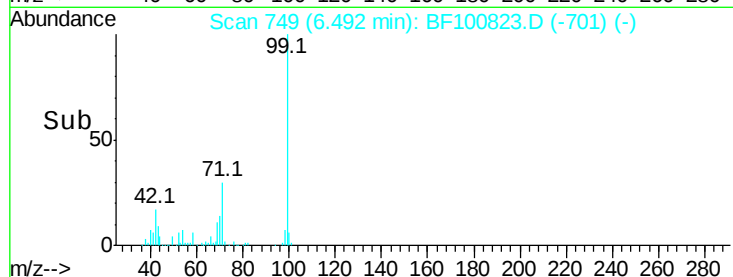
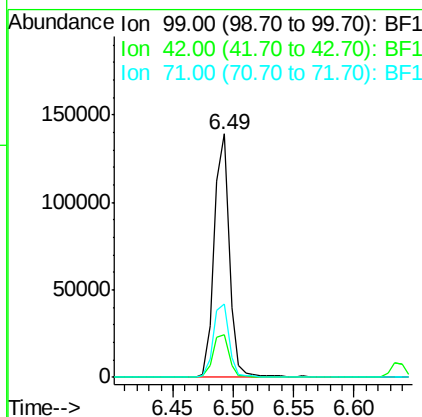
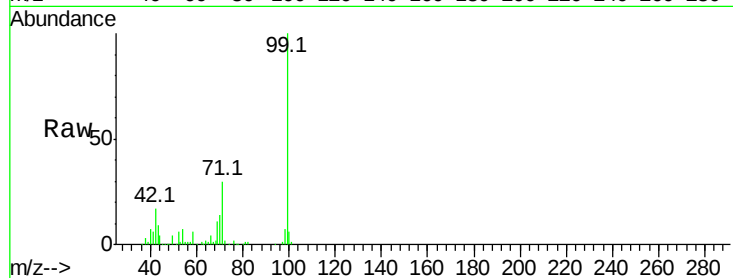
ClientSampleId :

AU-05-112017-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		119930		
42	17.4	14.5	21.7		
71	30.3	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

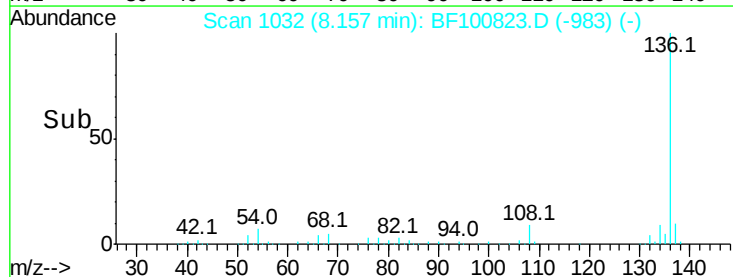
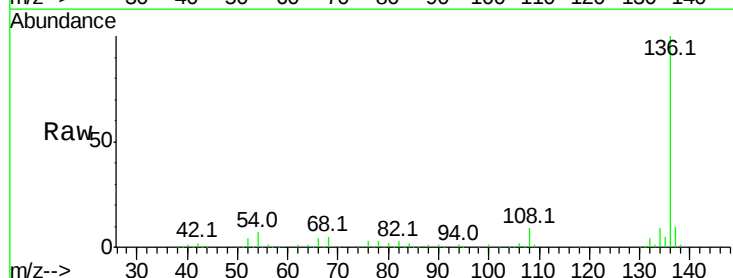
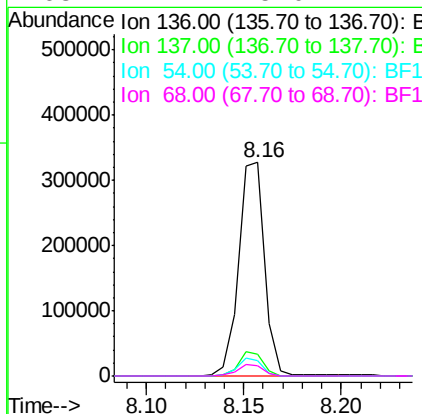
RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF100823.D

Acq: 22 Nov 2017 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		302027		
137	10.3	8.9	13.3		
54	7.3	6.6	9.8		
68	4.7	5.0	7.4		





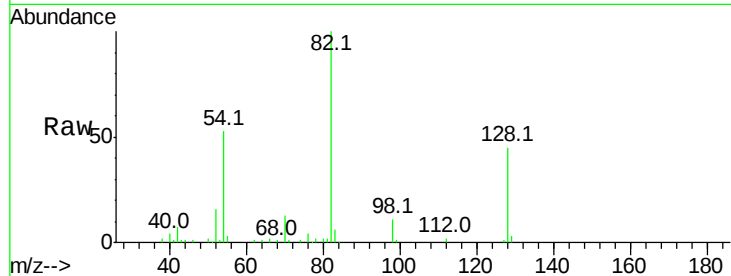
#23
Nitrobenzene-d5
Concen: 14.758 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF100823.D
Acq: 22 Nov 2017 13:45

Instrument :
BNA_F
ClientSampled :
AU-05-112017-B

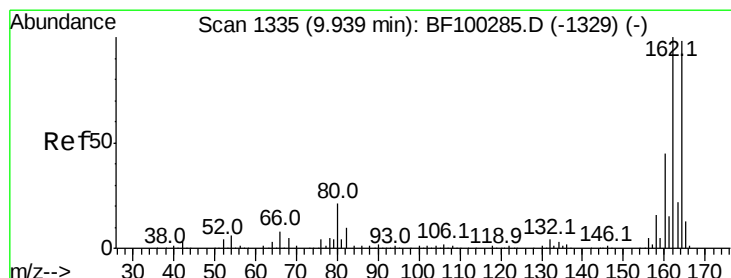
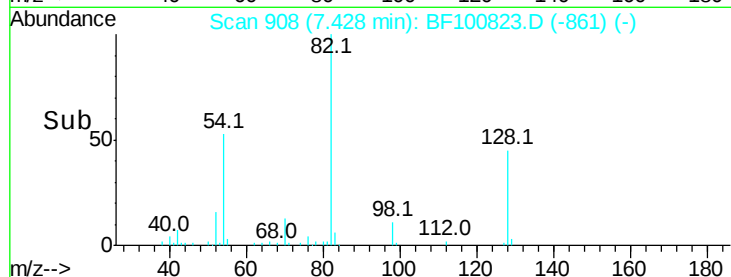
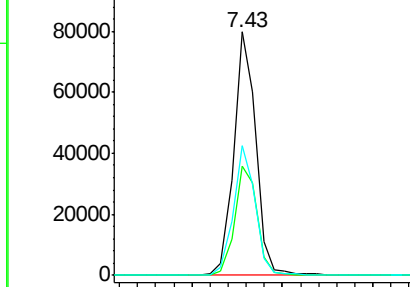
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	53.0	41.4	62.2

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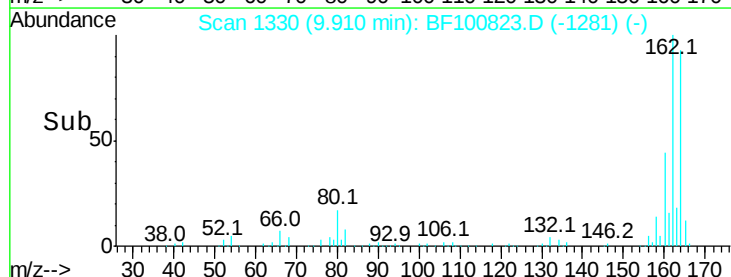
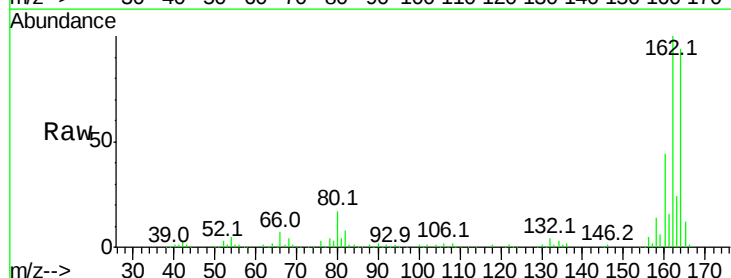
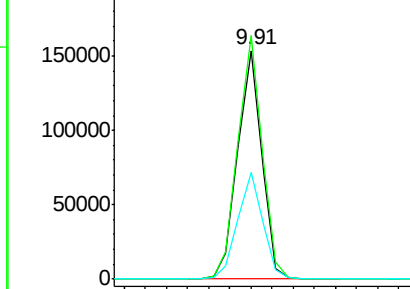
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

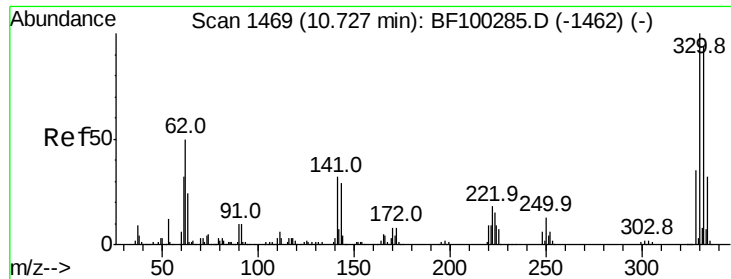


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100823.D
Acq: 22 Nov 2017 13:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	46.5	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





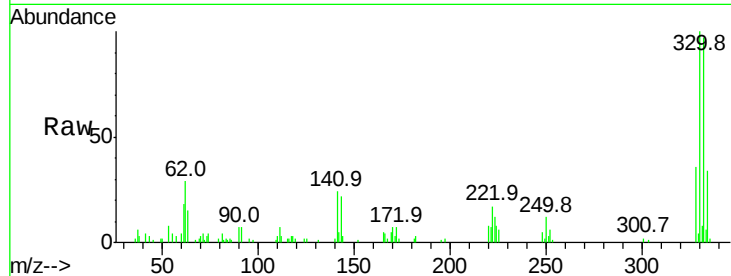
#41
 2,4,6-Tribromophenol
 Concen: 18.172 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100823.D
 Acq: 22 Nov 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112017-B

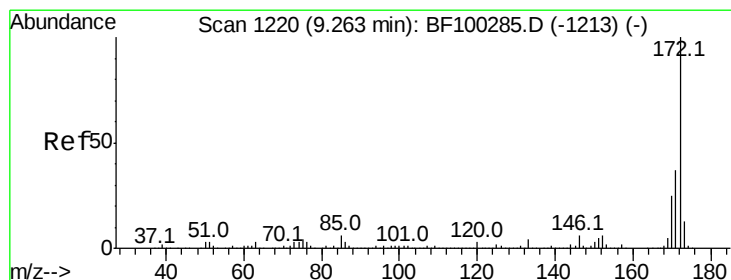
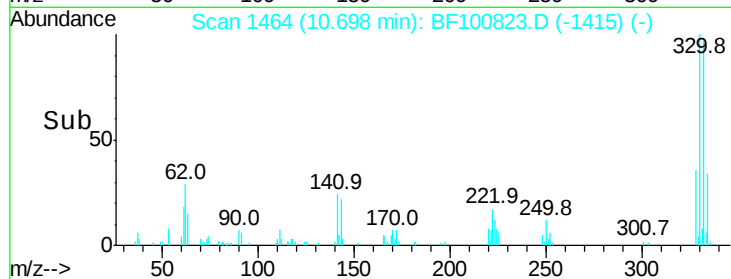
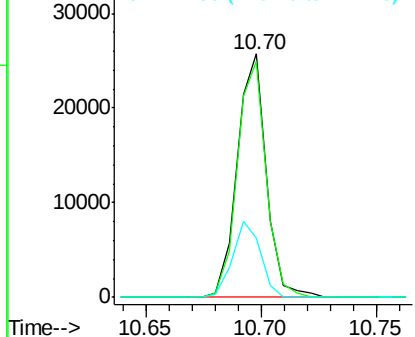
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.9	29.9	44.9

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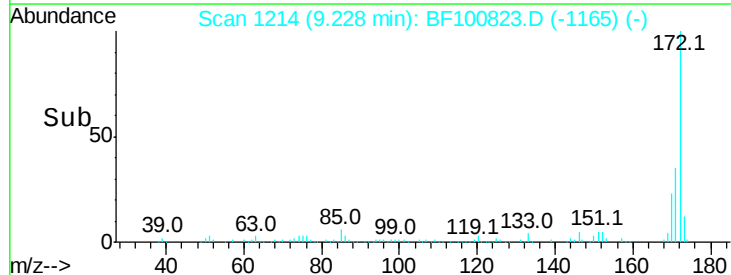
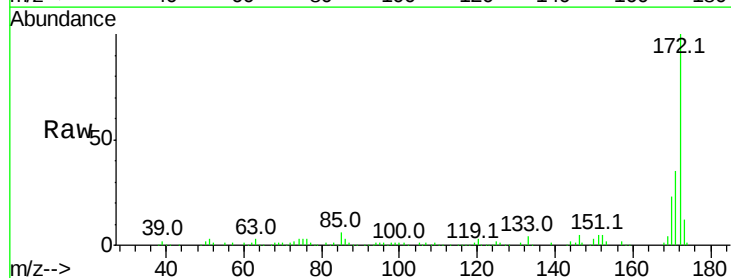
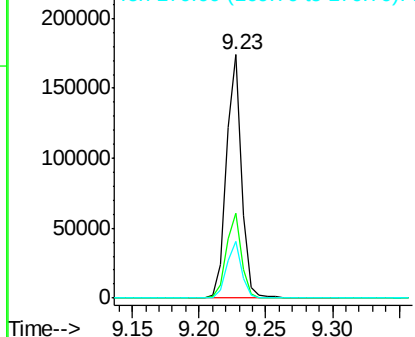
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 17.605 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100823.D
 Acq: 22 Nov 2017 13:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.4	19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





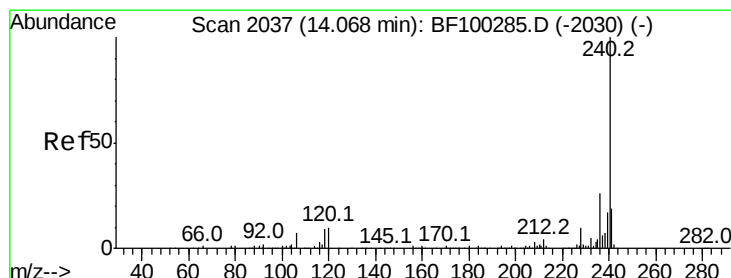
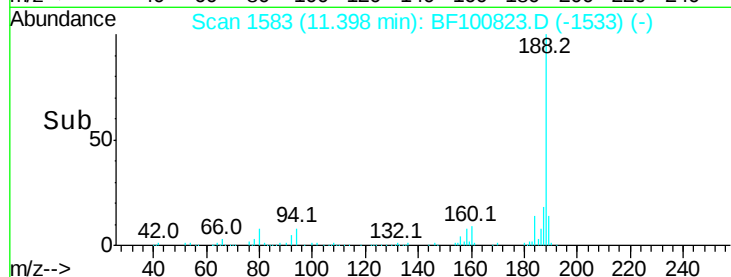
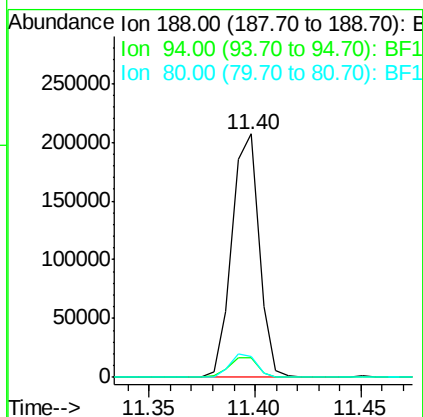
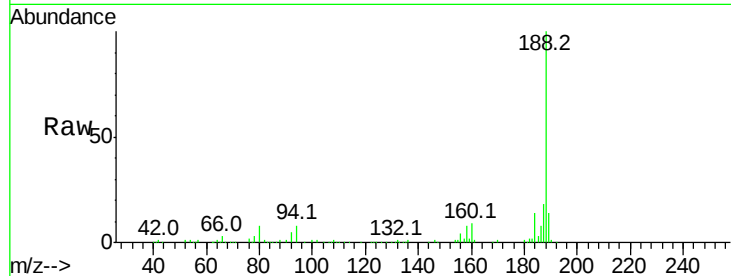
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100823.D
Acq: 22 Nov 2017 13:45

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-B

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.9	8.5	12.7#
80	8.3	9.2	13.8#

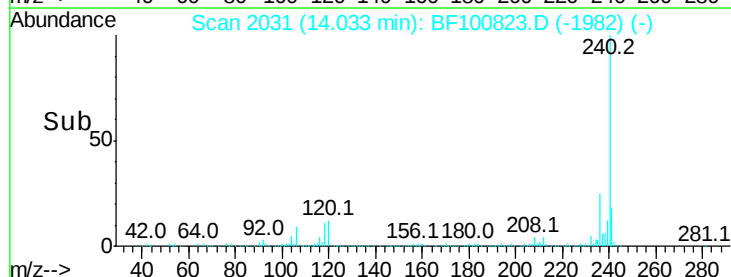
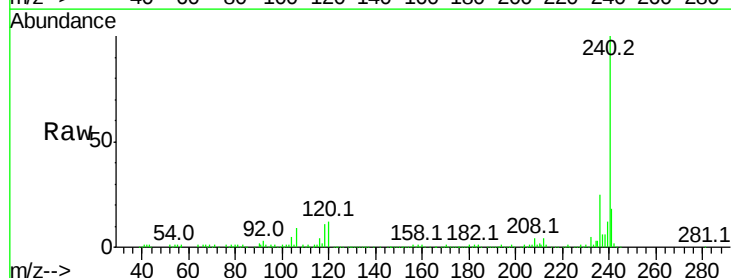
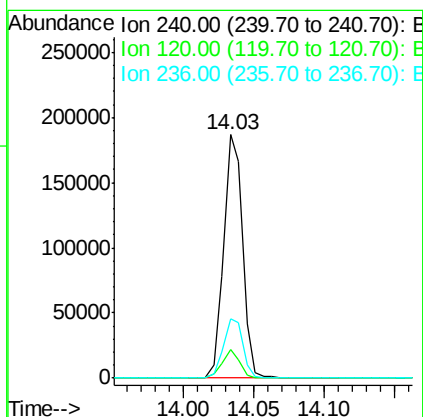
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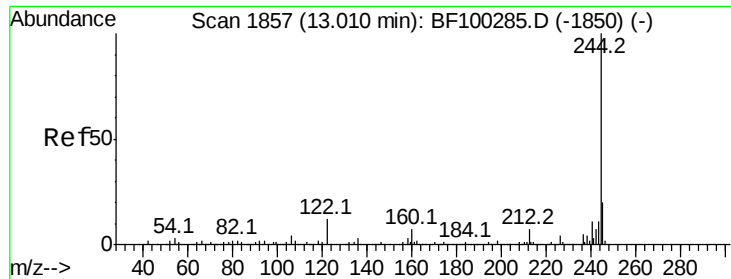
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100823.D
Acq: 22 Nov 2017 13:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.7	9.5	14.3
236	24.6	20.7	31.1





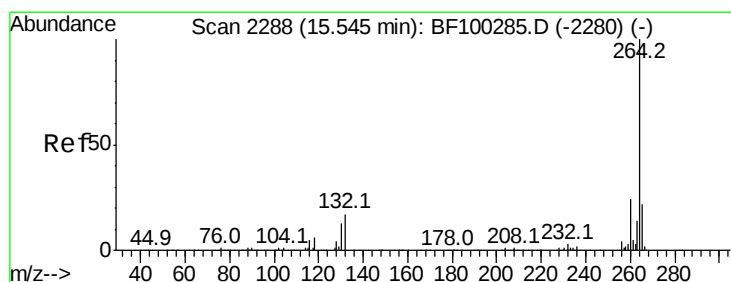
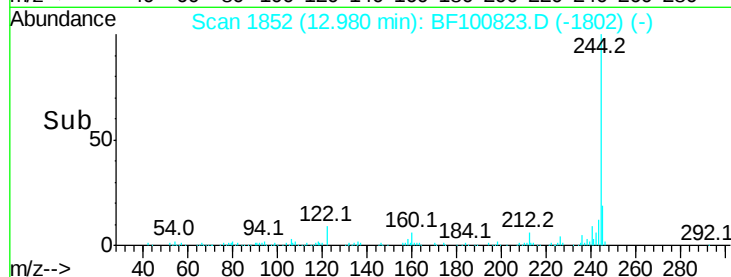
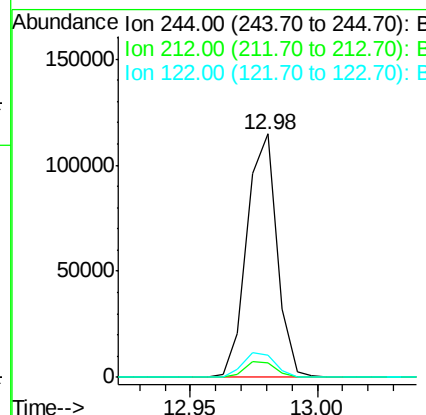
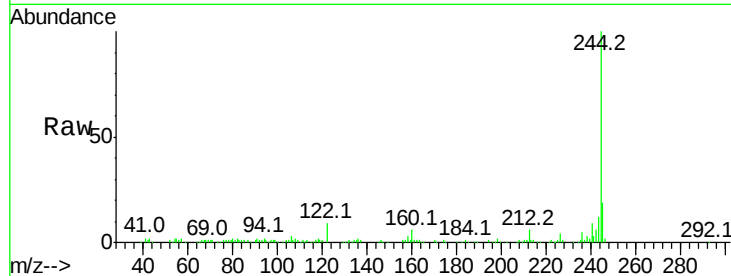
#78
 Terphenyl-d14
 Concen: 12.462 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF100823.D
 Acq: 22 Nov 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112017-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	9.0	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF100823.D
 Acq: 22 Nov 2017 13:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.2	28.8
265	21.8	17.5	26.3

