

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100994.D
 Acq On : 29 Nov 2017 22:32
 Operator : SJ/JU
 Sample : I6610-03 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(10-12)-20171127

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Quant Time: Nov 30 03:51:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	63680	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	236270	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	93313	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	156584	20.00	ng	0.00
75) Chrysene-d12	14.02	240	141811	20.00	ng	0.00
86) Perylene-d12	15.50	264	107916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	35535	8.95	ng	-0.01
7) Phenol-d6	6.48	99	43264	8.83	ng	-0.01
23) Nitrobenzene-d5	7.41	82	22875	6.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	8142	8.56	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	52108	8.50	ng	-0.01
78) Terphenyl-d14	12.96	244	40940	6.63	ng	-0.01
Target Compounds						
70) Phenanthrene	11.40	178	17438	2.115	ng	98
74) Fluoranthene	12.59	202	34522	3.951	ng	96
77) Pyrene	12.82	202	32129	3.178	ng	98
79) Butylbenzylphthalate	13.43	149	12050	2.923	ng	86
89) Benzo(a)pyrene	15.43	252	11491	2.027	ng #	90

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

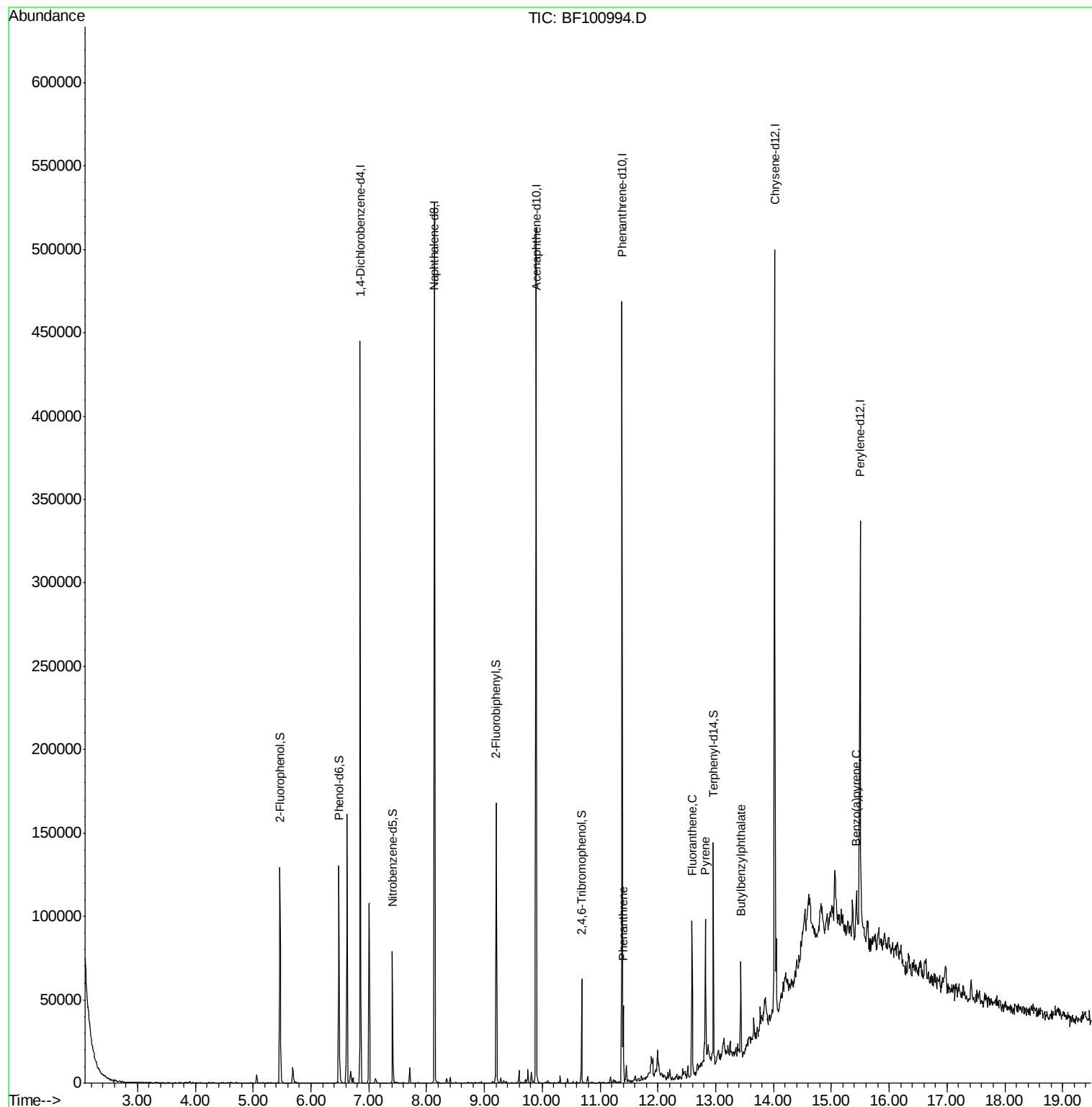
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100994.D
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ALS Vial : 23 Sample Multiplier: 1

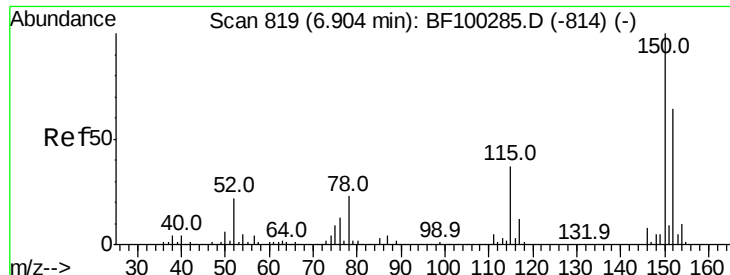
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Quant Time: Nov 30 03:51:42 2017
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Response via : Initial Calibration





#1

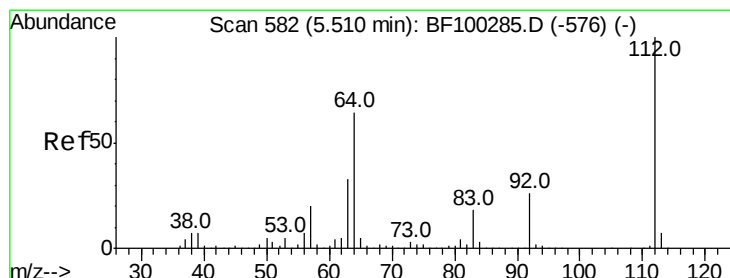
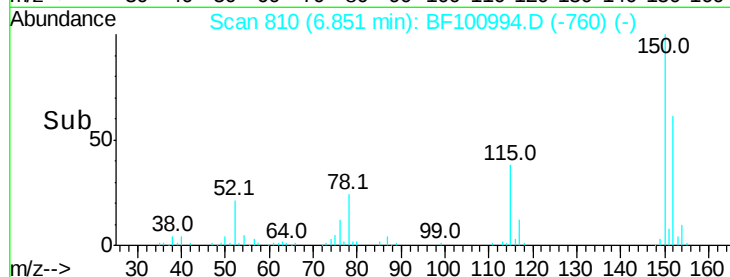
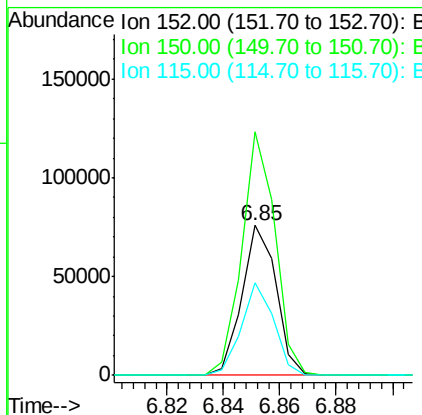
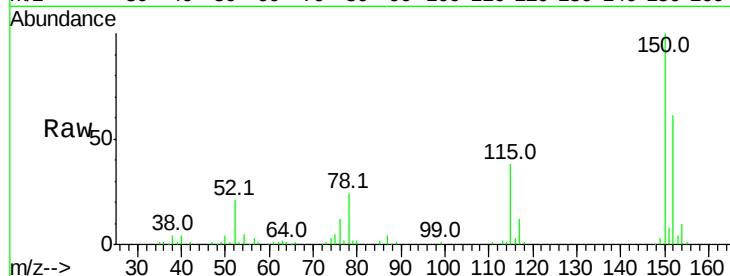
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.6	186.8
115	62.0	50.1	75.1

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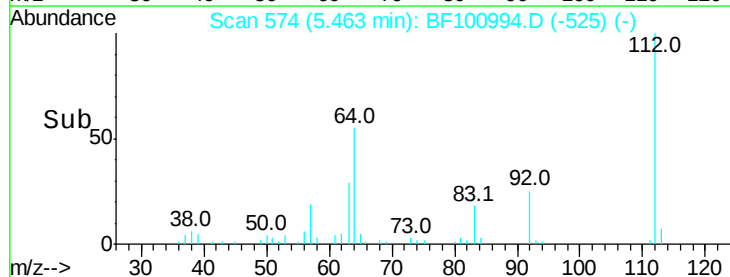
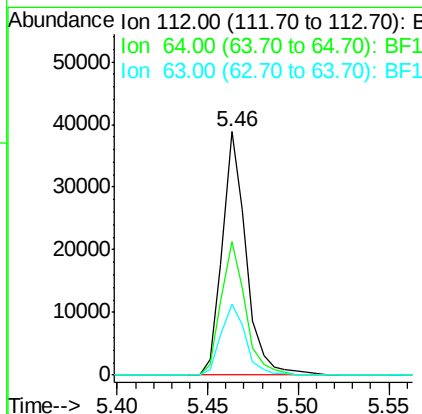
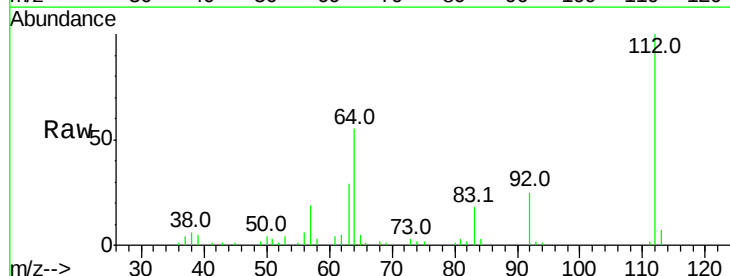
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#5

2-Fluorophenol
Concen: 8.945 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	29.0	23.7	35.5





#7

Phenol-d6

Concen: 8.832 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100994.D

Acq: 29 Nov 2017 22:32

Instrument :

BNA_F

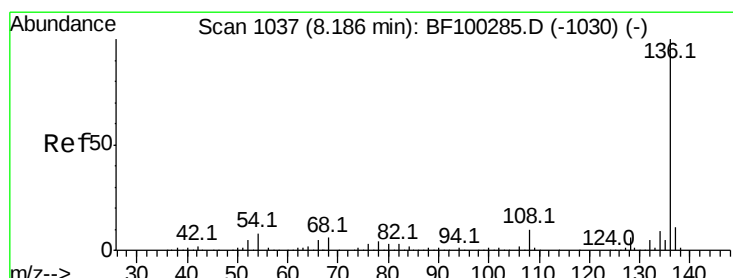
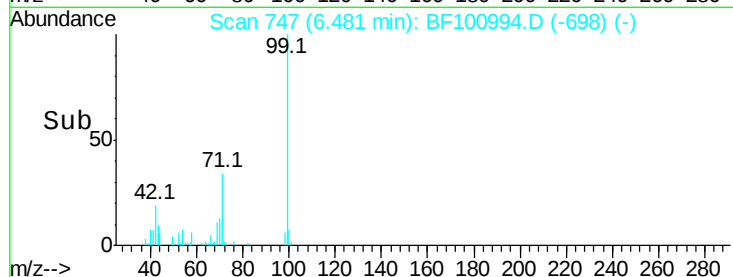
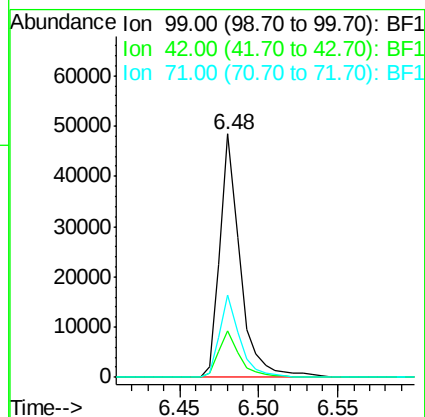
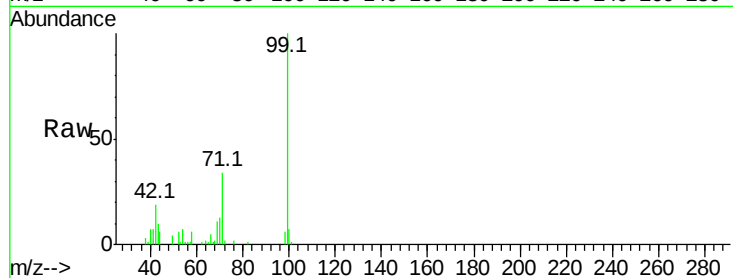
ClientSampleId :

SB-3(10-12)-20171127

Tot Ion:	99	Resp:	43264
Ion Ratio	Lower	Upper	
99	100		
42	19.3	14.5	21.7
71	33.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

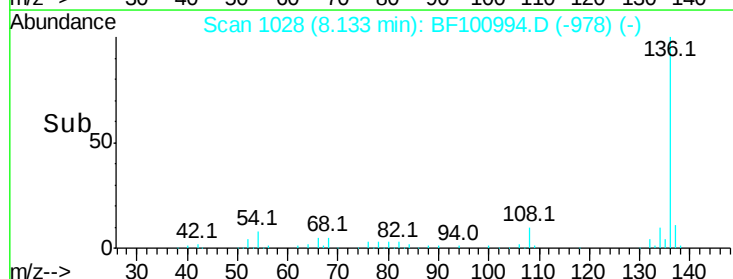
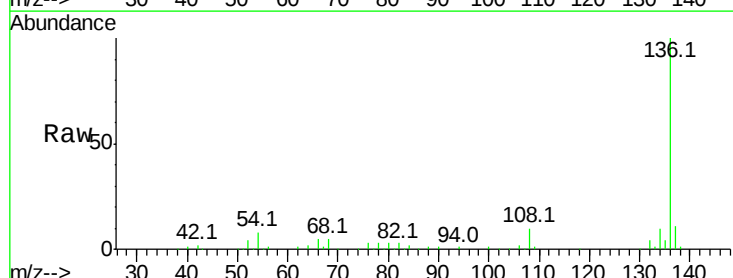
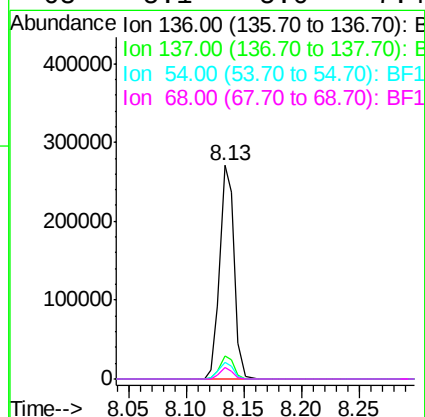
RT: 8.13 min Scan# 1028

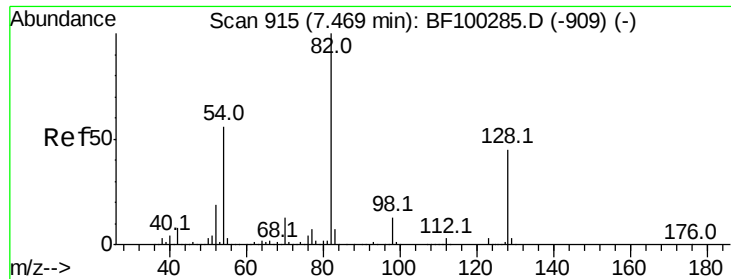
Delta R.T. -0.01 min

Lab File: BF100994.D

Acq: 29 Nov 2017 22:32

Tgt Ion:	136	Resp:	236270
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	7.7	6.6	9.8
68	5.1	5.0	7.4





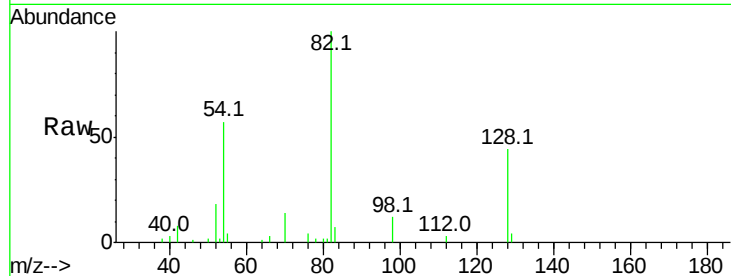
#23
Nitrobenzene-d5
Concen: 6.401 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

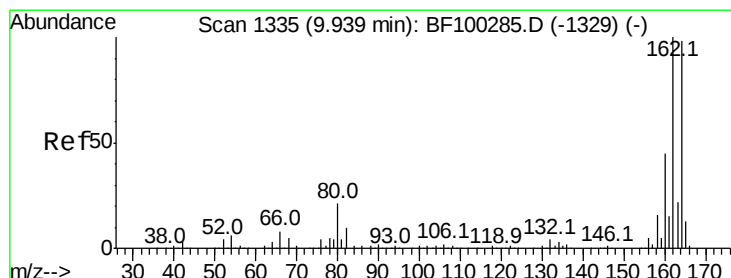
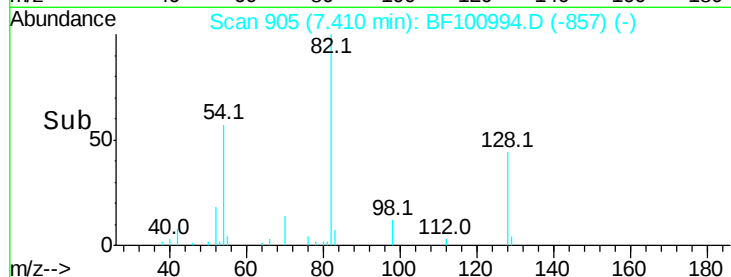
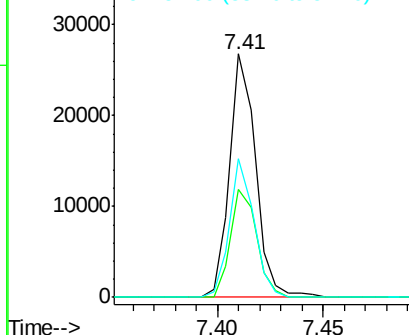
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	56.8	41.4	62.2

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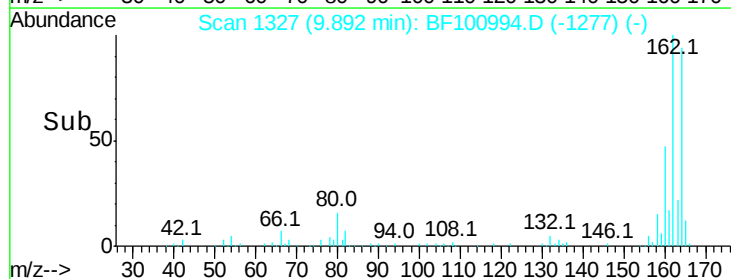
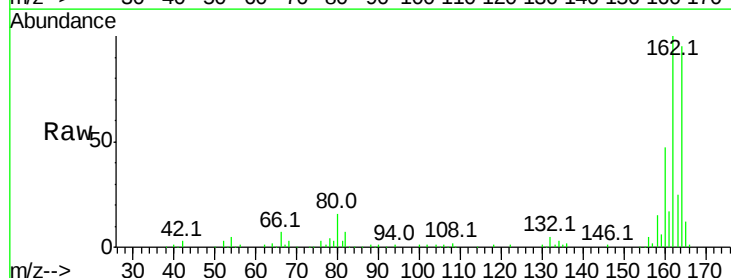
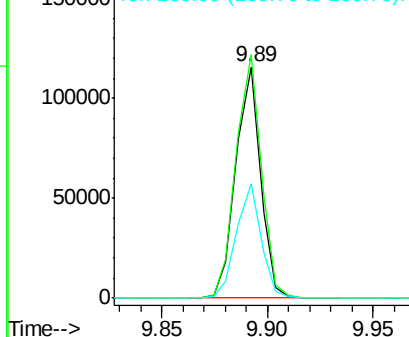
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

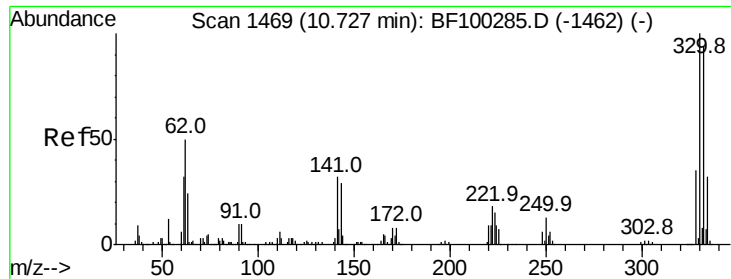


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	49.7	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





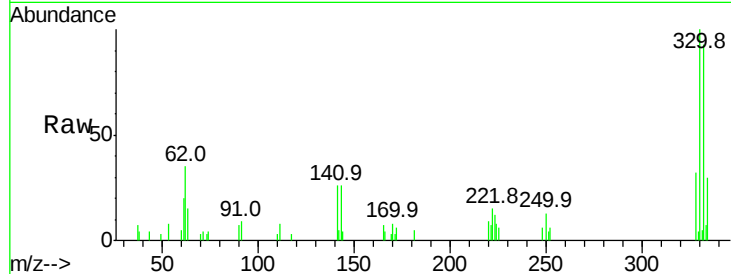
#41
 2,4,6-Tribromophenol
 Concen: 8.563 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100994.D
 Acq: 29 Nov 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(10-12)-20171127

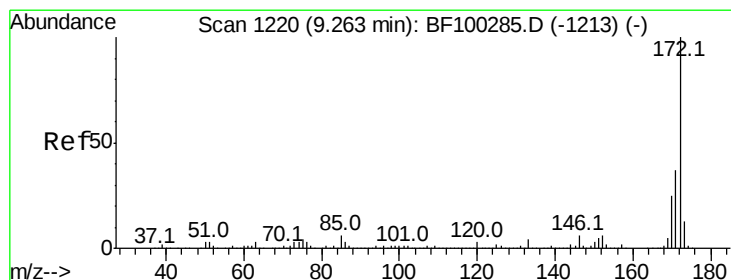
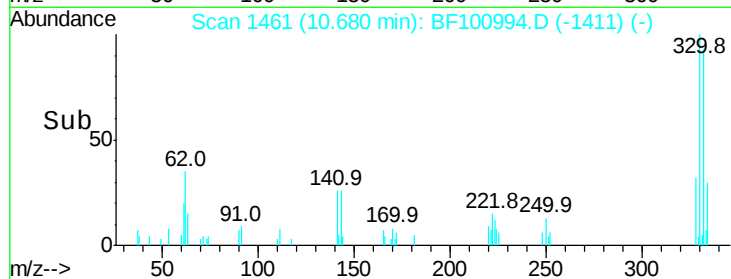
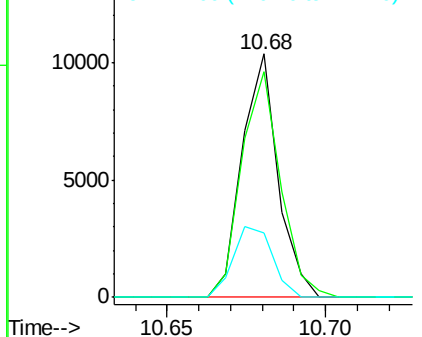
Tot Ion	Ratio	Lower	Upper
330	100		
332	100.2	77.0	115.6
141	31.5	29.9	44.9

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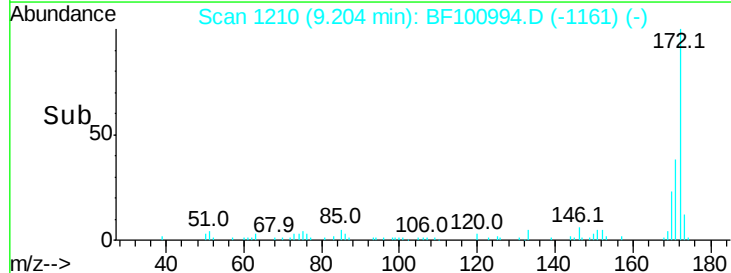
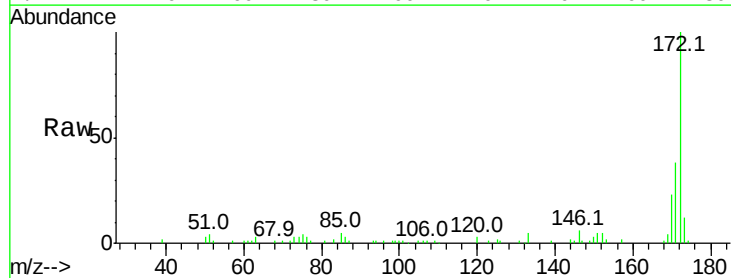
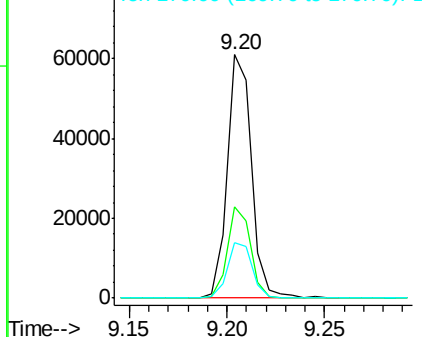
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

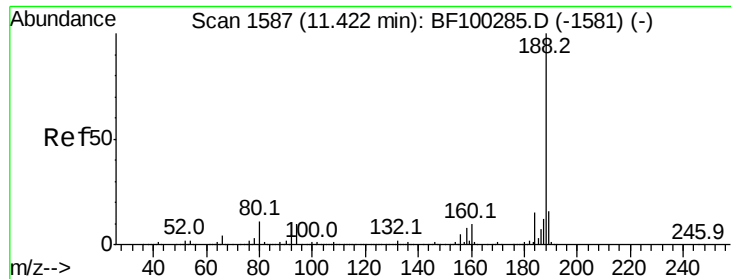


#44
 2-Fluorobiphenyl
 Concen: 8.503 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF100994.D
 Acq: 29 Nov 2017 22:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	22.7	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





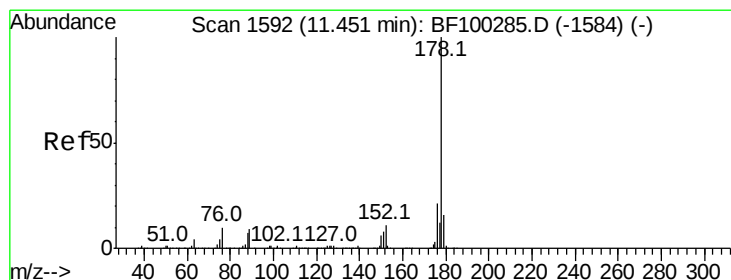
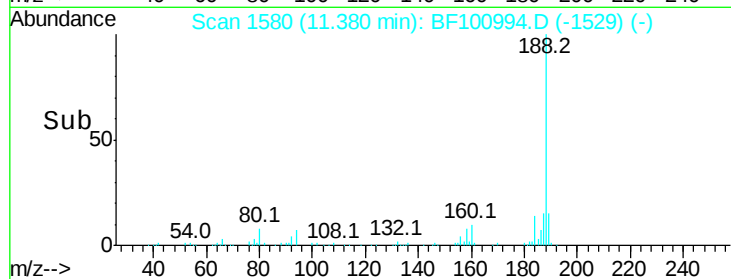
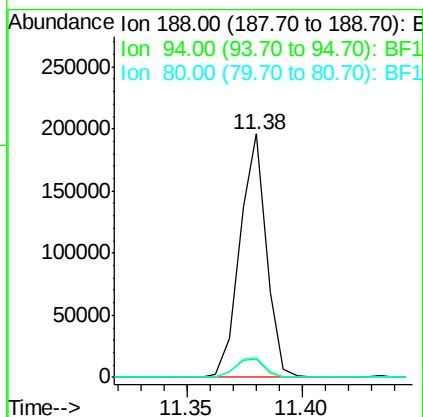
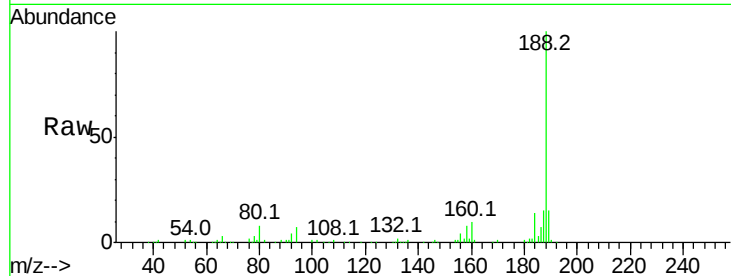
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

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BNA_F
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Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.2	9.2	13.8#

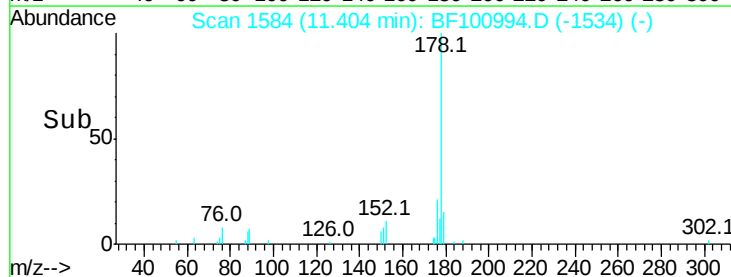
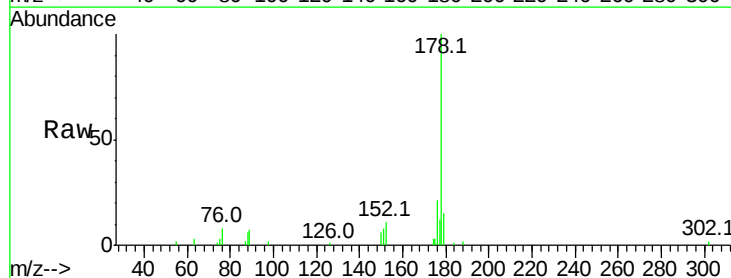
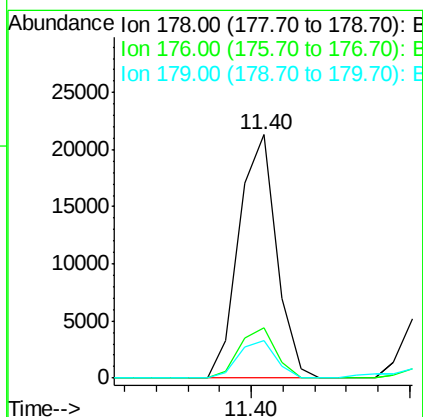
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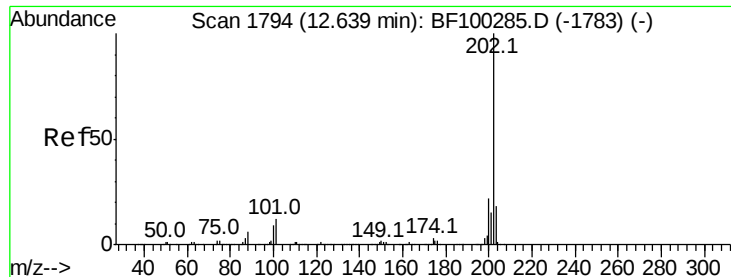
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#70
Phenanthrene
Concen: 2.115 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.9	15.8	23.8
179	15.4	13.0	19.6





#74

Fluoranthene

Concen: 3.951 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF100994.D

Acq: 29 Nov 2017 22:32

Instrument :

BNA_F

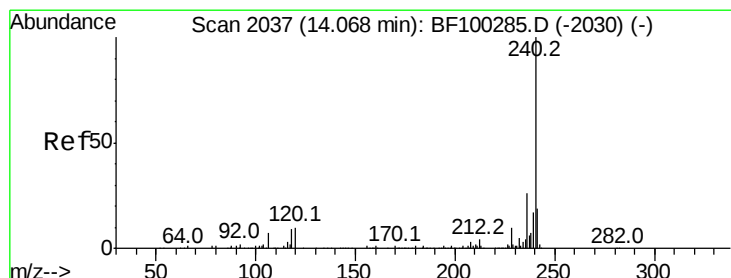
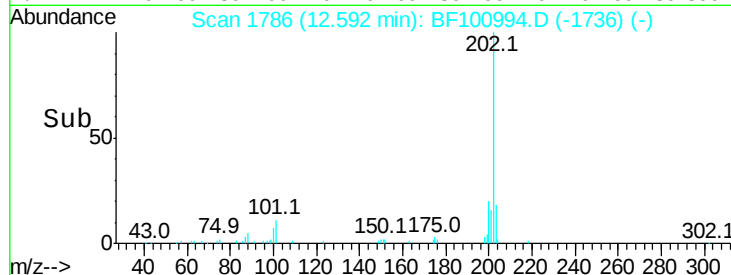
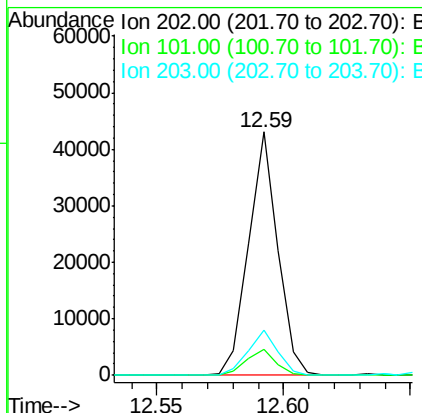
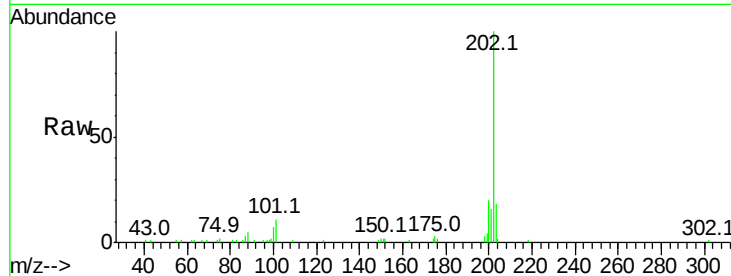
ClientSampleId :

SB-3(10-12)-20171127

Tot Ion:	202	Resp:	34522
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	34.1
203	18.3	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

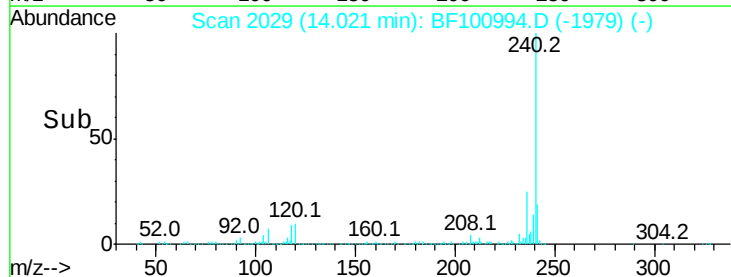
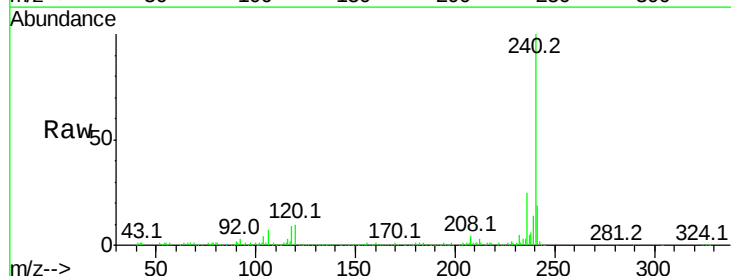
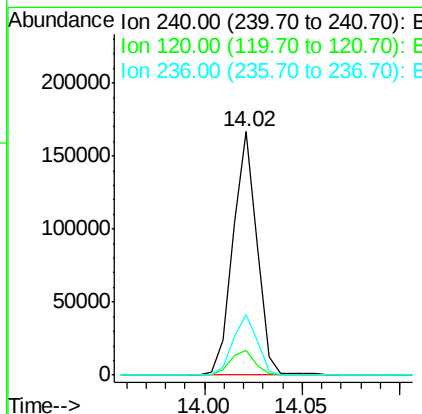
RT: 14.02 min Scan# 2029

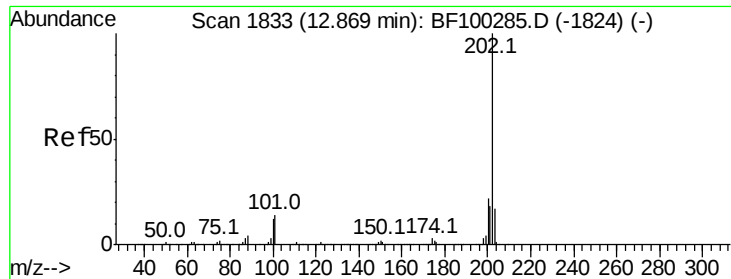
Delta R.T. -0.01 min

Lab File: BF100994.D

Acq: 29 Nov 2017 22:32

Tgt Ion:	240	Resp:	141811
Ion Ratio	Lower	Upper	
240	100		
120	10.2	9.5	14.3
236	25.0	20.7	31.1





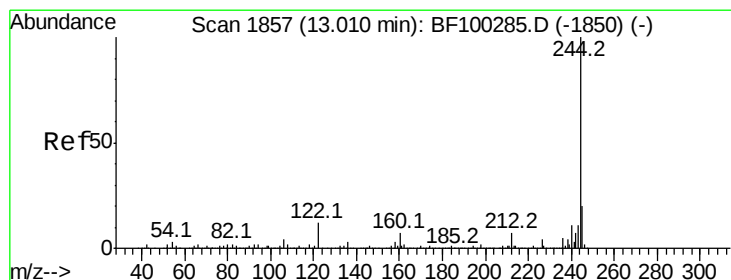
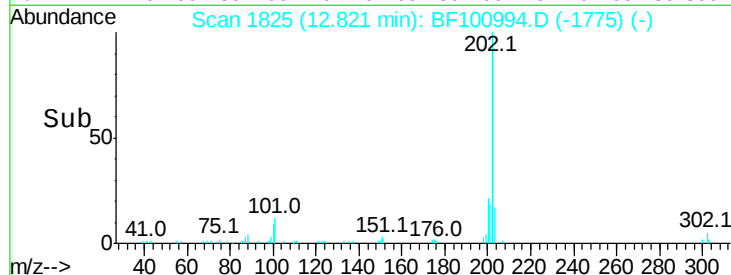
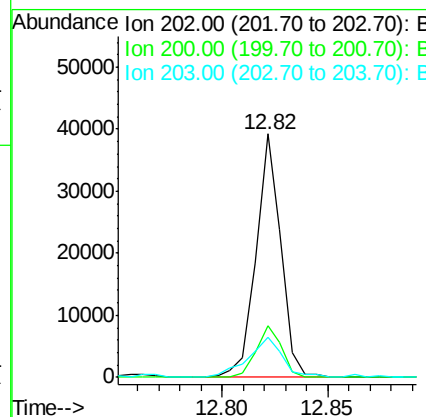
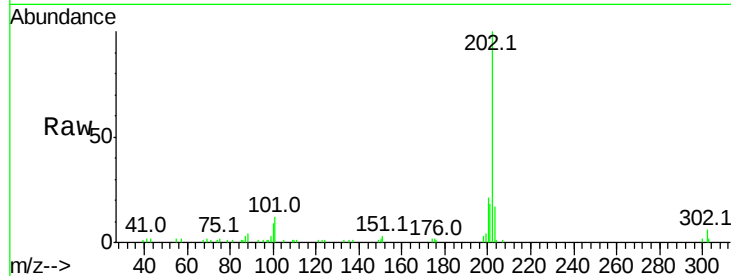
#77
Pvrene
Concen: 3.178 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	16.5	14.3	21.5

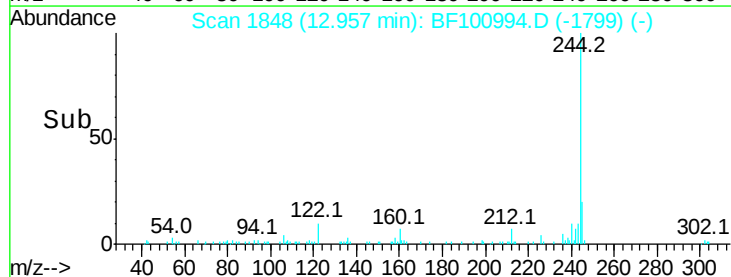
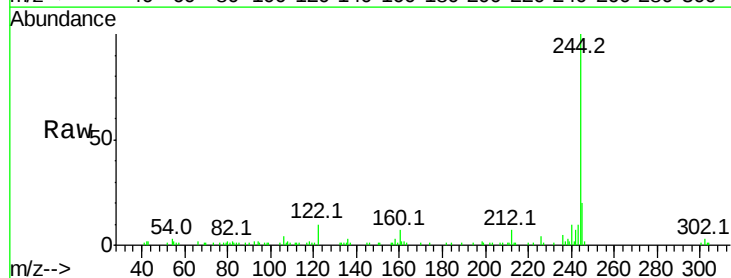
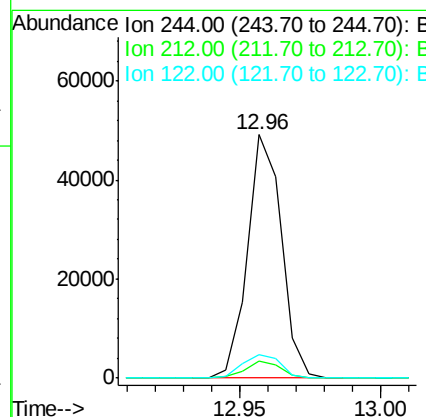
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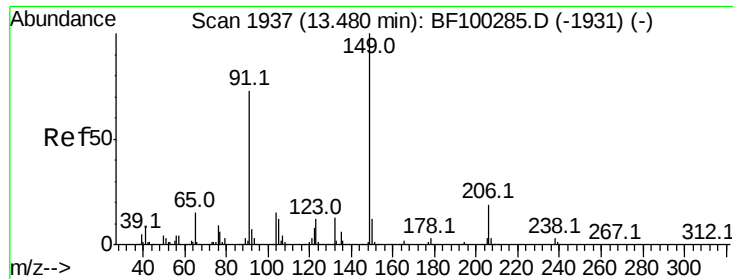
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#78
Terphenyl-d14
Concen: 6.633 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.6	11.0	16.4#





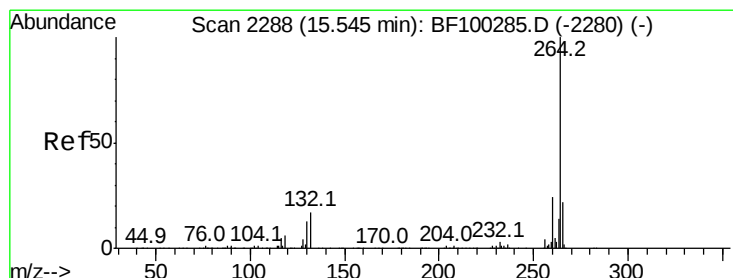
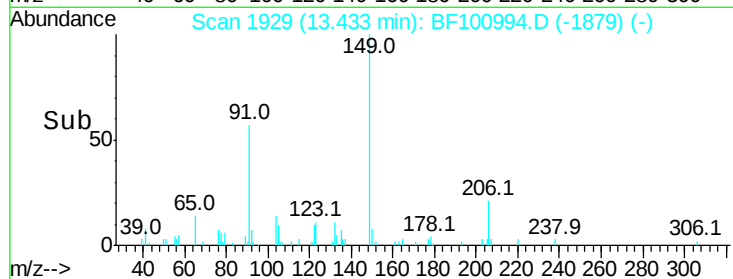
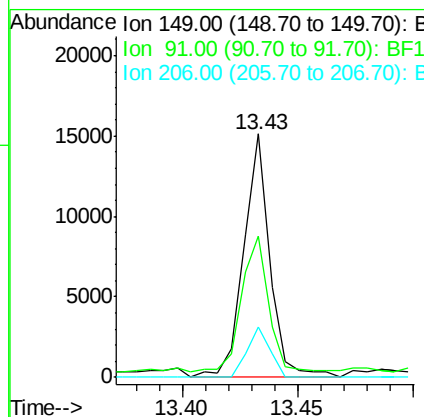
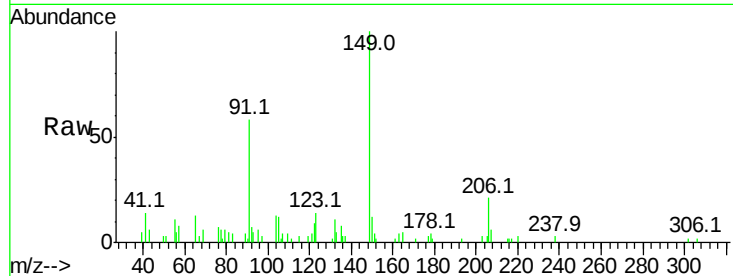
#79
Butylbenzylphthalate
Concen: 2.923 ng
RT: 13.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

Tot Ion:	149	Resp:	12050
Ion Ratio	Lower	Upper	
149	100		
91	58.1	56.8	85.2
206	20.5	14.1	21.1

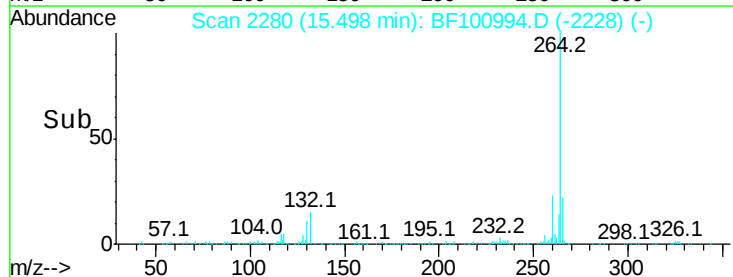
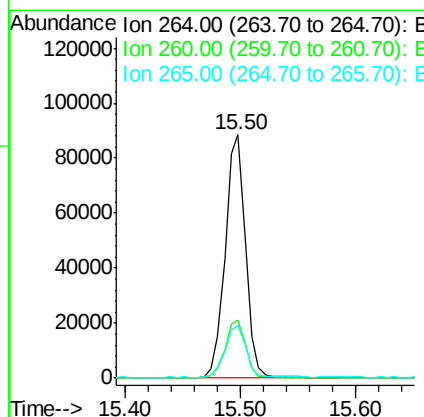
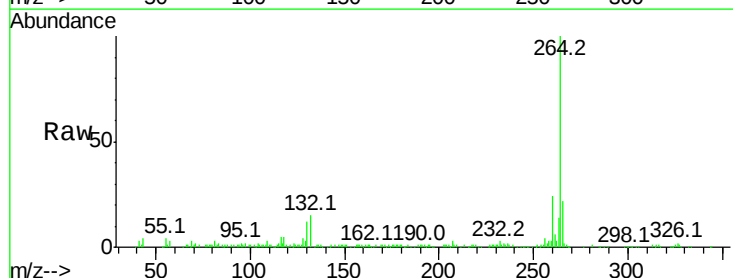
Manual Integrations
APPROVED

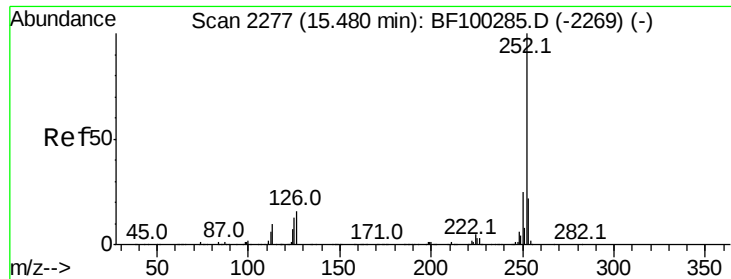
Sohil
11/30/2017 4:30:15 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion:	264	Resp:	107916
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.9	17.5	26.3





#89
 Benzo(a)pyrene
 Concen: 2.027 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF100994.D
 Acq: 29 Nov 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(10-12)-20171127

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.1	25.7#
125	16.6	9.8	14.6#

Manual Integrations
 APPROVED

Sohil
 11/30/2017 4:30:15 PM

