

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
 Data File : BF101796.D
 Acq On : 28 Dec 2017 12:29
 Operator : SJ/JU
 Sample : I7064-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-6

Manual Integrations
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Sohil
 12/29/2017 11:55:00 AM

Quant Time: Dec 28 13:13:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	145943	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	566555	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	234461	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	366744	20.00	ng	0.00
75) Chrysene-d12	13.96	240	272825	20.00	ng	0.00
86) Perylene-d12	15.43	264	315895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1053152	107.49	ng	0.00
7) Phenol-d6	6.43	99	1250640	102.57	ng	0.00
23) Nitrobenzene-d5	7.36	82	765433	75.21	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	220520	97.61	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1086846	71.91	ng	0.00
78) Terphenyl-d14	12.89	244	713467	63.04	ng	0.00
Target Compounds						
10) Phenol	6.45	94	57661	4.149	ng	Qvalue # 52
49) Dimethylphthalate	9.53	163	93493	4.957	ng	99
70) Phenanthrene	11.33	178	249444	12.231	ng	99
71) Anthracene	11.39	178	71722	3.443	ng	98
74) Fluoranthene	12.53	202	380386	17.769	ng	99
77) Pyrene	12.76	202	367877	17.967	ng	99
80) Benzo(a)anthracene	13.95	228	199112	11.053	ng	97
82) Chrysene	13.99	228	187566	11.027	ng	99
85) Indeno(1,2,3-cd)pyrene	16.92	276	136130	8.987	ng	# 88
87) Benzo(b)fluoranthene	15.01	252	251214m	13.047	ng	
88) Benzo(k)fluoranthene	15.03	252	82107m	4.386	ng	
89) Benzo(a)pyrene	15.37	252	181386	10.219	ng	95
90) Dibenzo(a,h)anthracene	16.92	278	45024	2.954	ng	# 89
91) Benzo(g,h,i)perylene	17.37	276	122679	8.129	ng	# 94

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

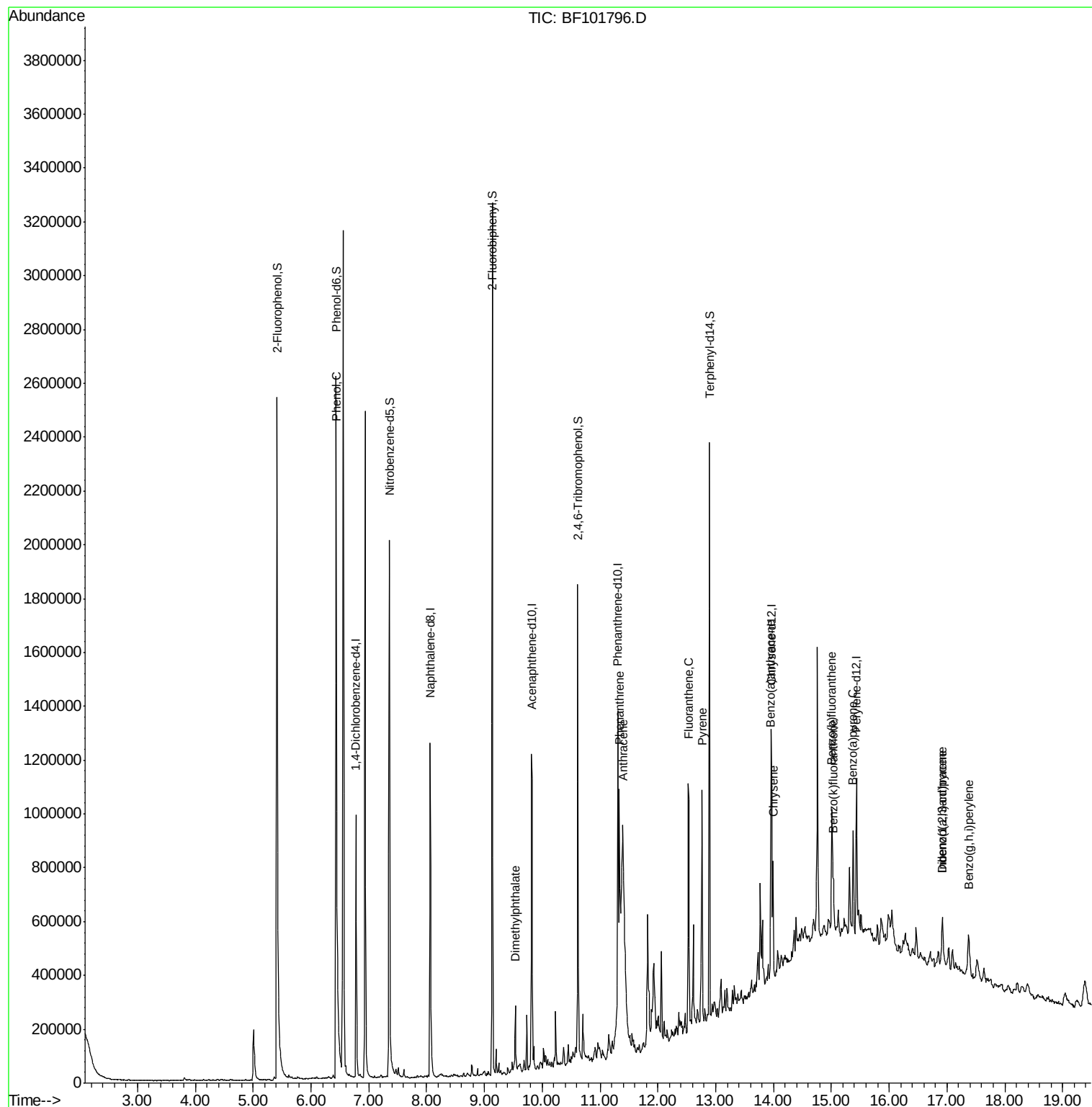
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101796.D
Acq On : 28 Dec 2017 12:29
Operator : SJ/JU
Sample : I7064-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

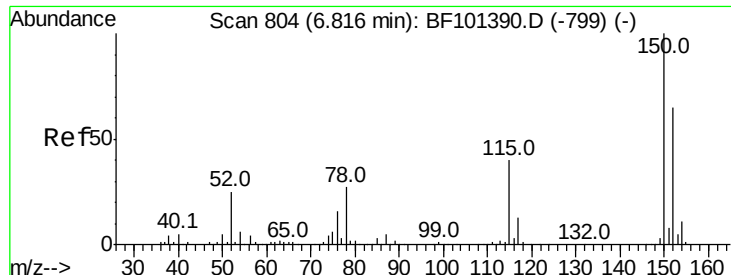
Instrument :
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#1

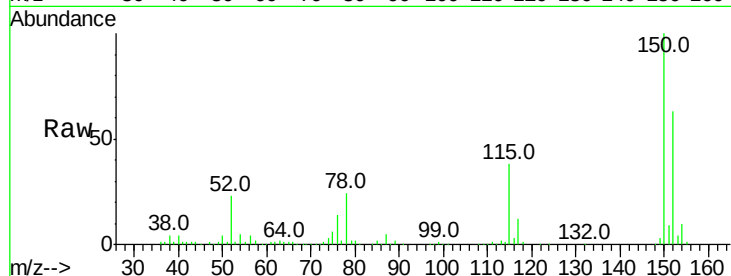
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF101796.D
Acq: 28 Dec 2017 12:29

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6

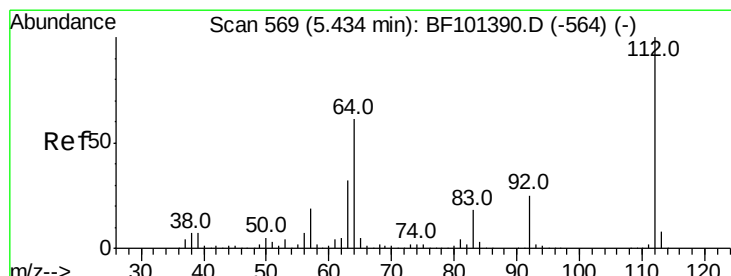
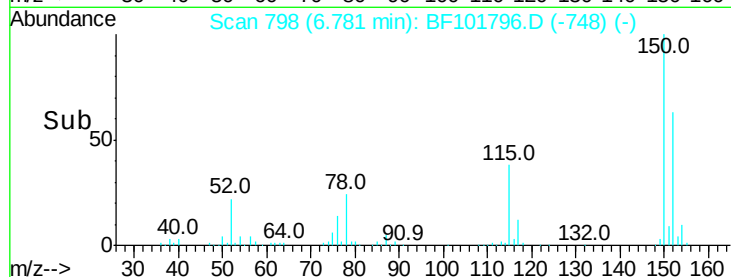
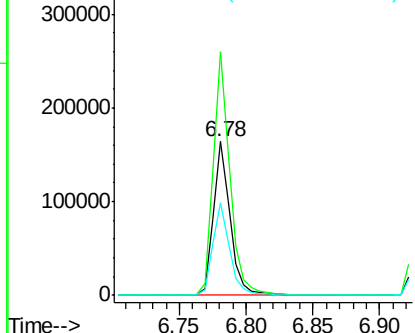
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	60.1	50.1	75.1

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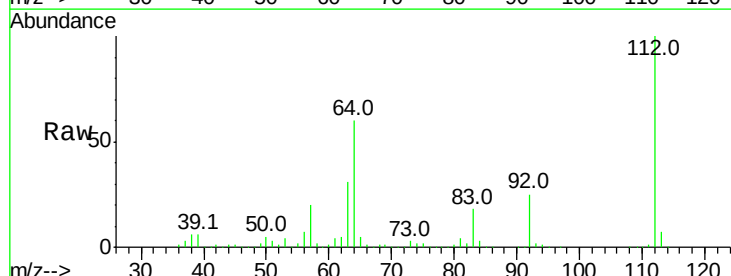
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



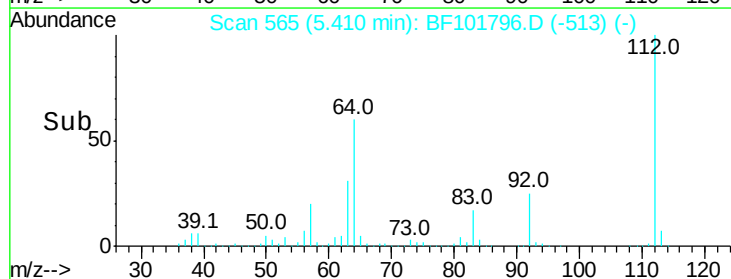
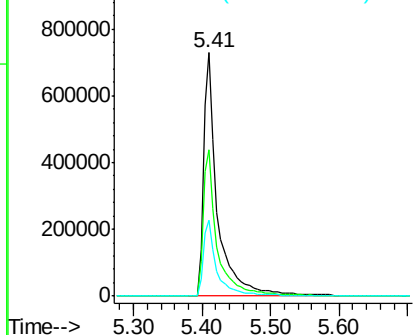
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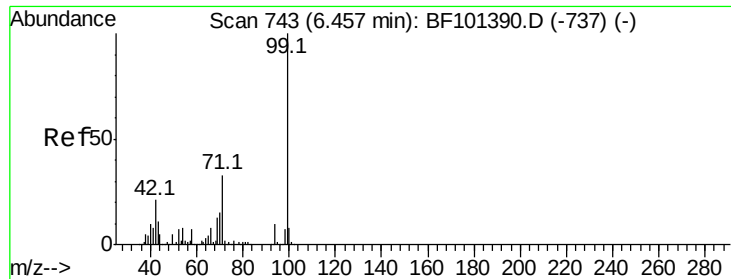
2-Fluorophenol
Concen: 107.491 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101796.D
Acq: 28 Dec 2017 12:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	31.0	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: 102.566 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101796.D

Acq: 28 Dec 2017 12:29

Instrument :

BNA_F

ClientSampleId :

SAMPLE-6

Tot Ion: 99 Resp: 1250640

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

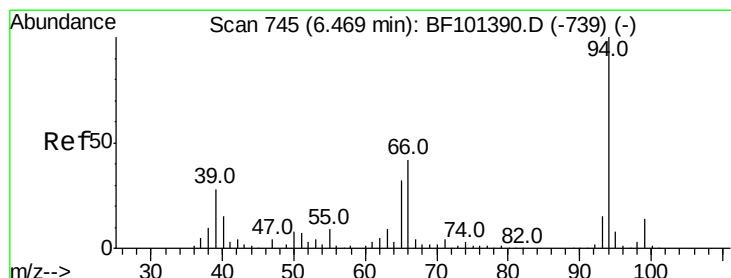
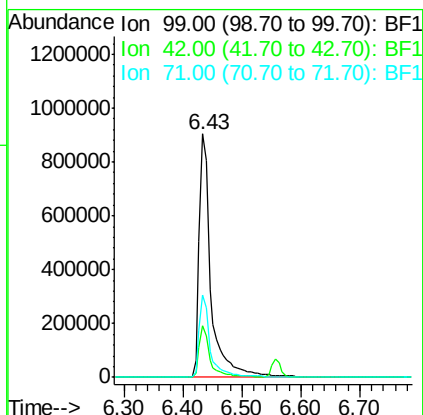
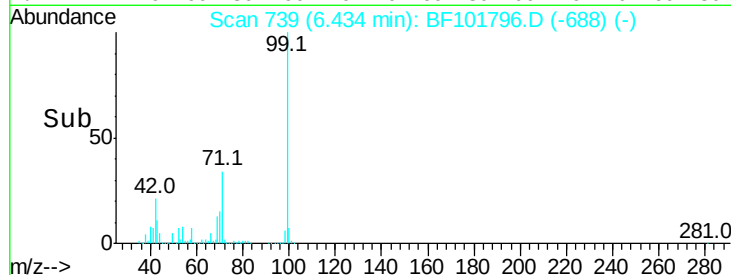
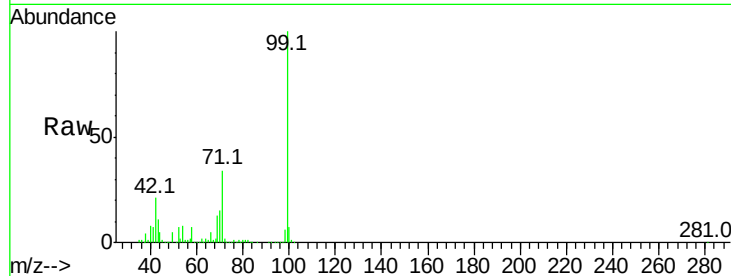
71 33.8 25.4 38.0

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#10

Phenol

Concen: 4.149 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF101796.D

Acq: 28 Dec 2017 12:29

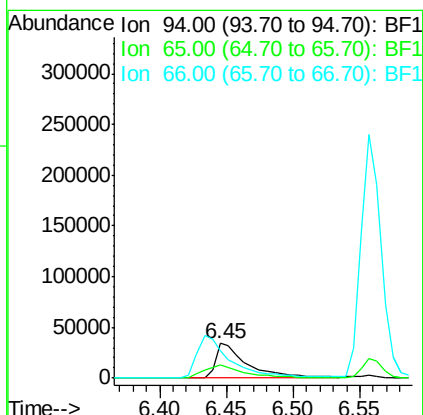
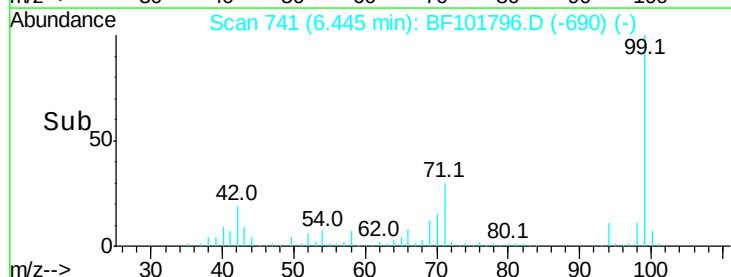
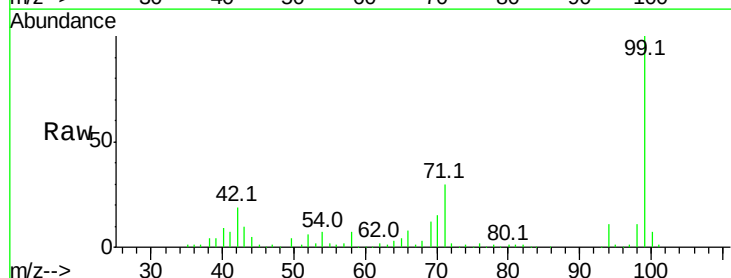
Tgt Ion: 94 Resp: 57661

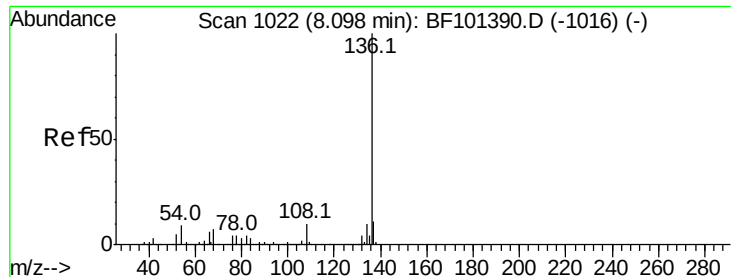
Ion Ratio Lower Upper

94 100

65 38.7 7.9 47.9

66 77.3 16.2 56.2#





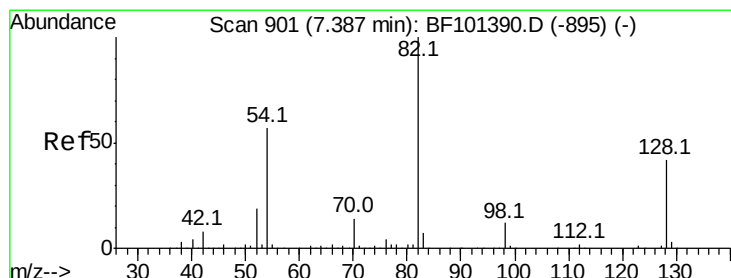
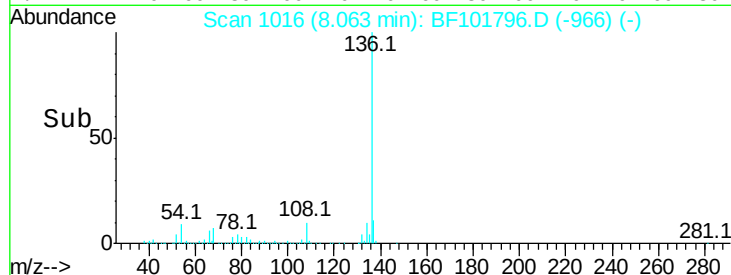
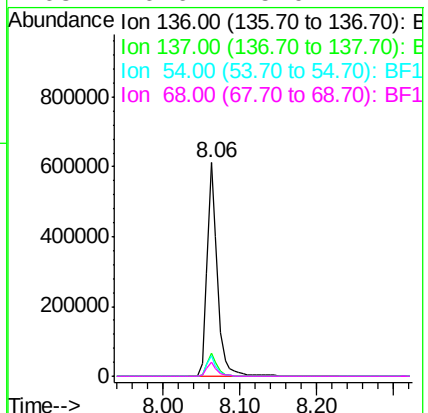
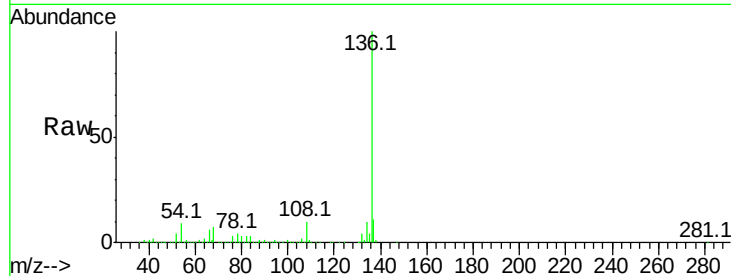
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF101796.D
Acq: 28 Dec 2017 12:29

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	9.4	6.6	9.8	
68	6.6	5.0	7.4	

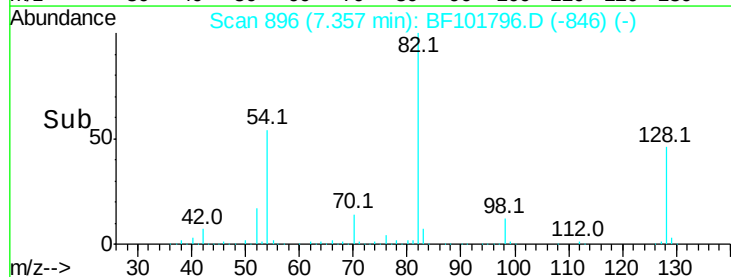
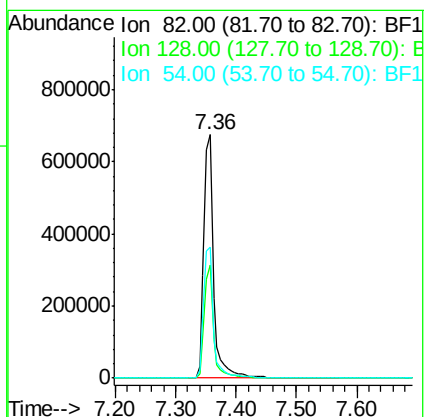
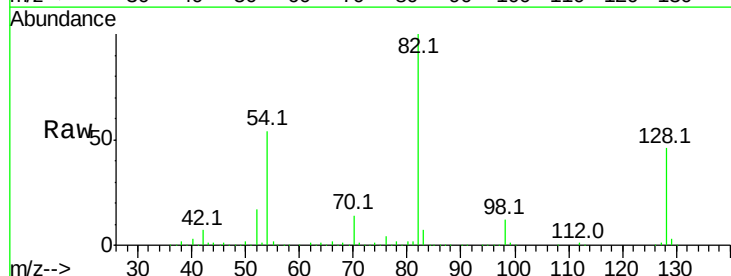
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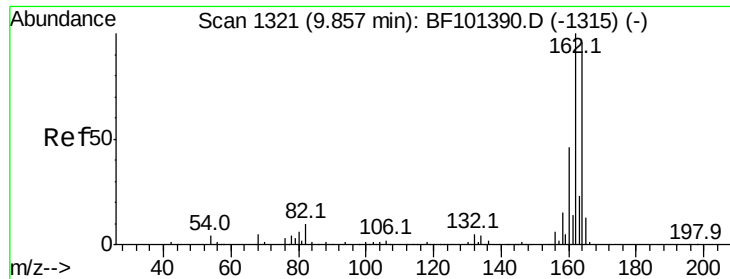
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#23
Nitrobenzene-d5
Concen: 75.206 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101796.D
Acq: 28 Dec 2017 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.3	36.1	54.1	
54	53.9	41.4	62.2	





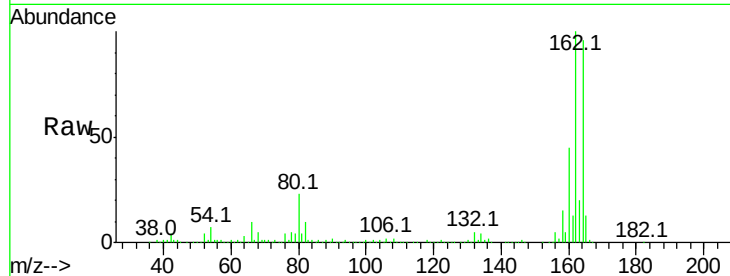
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF101796.D
 Acq: 28 Dec 2017 12:29

Instrument :
 BNA_F
 ClientSampled :
 SAMPLE-6

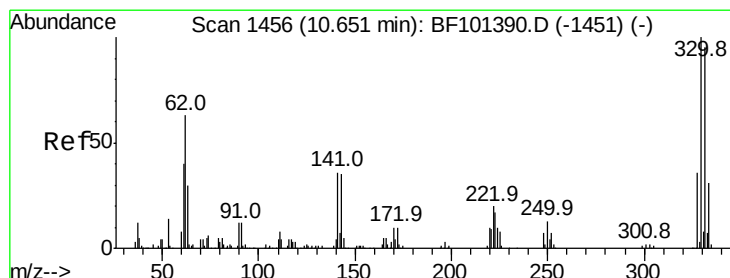
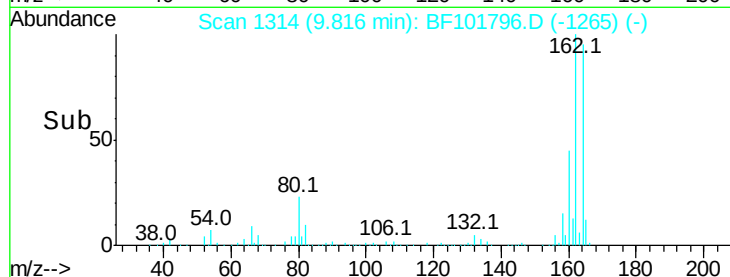
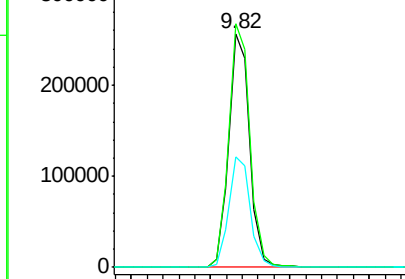
Tot Ion	Ratio	Resp	Lower	Upper
164	100	234461		
162	104.2	86.1	129.1	
160	47.1	38.3	57.5	

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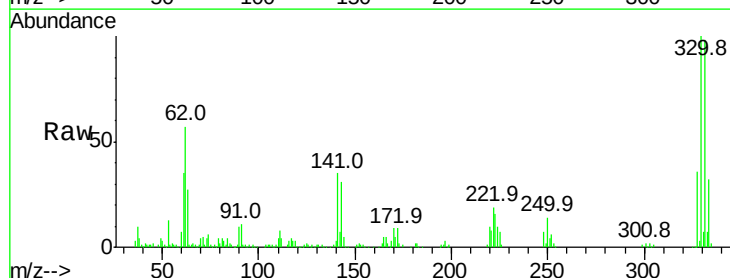


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

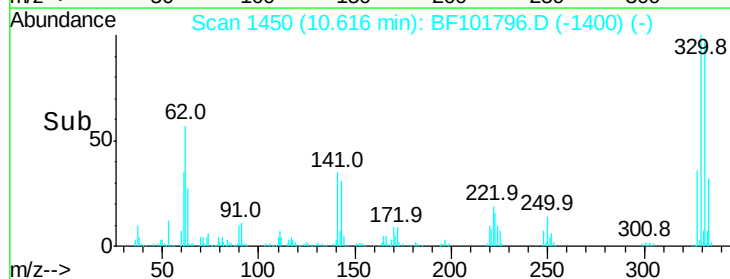
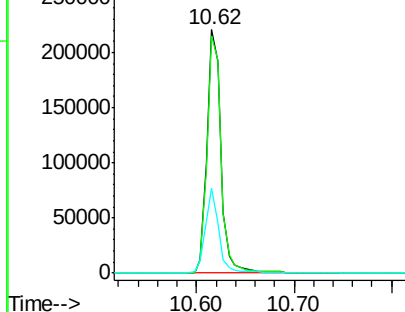


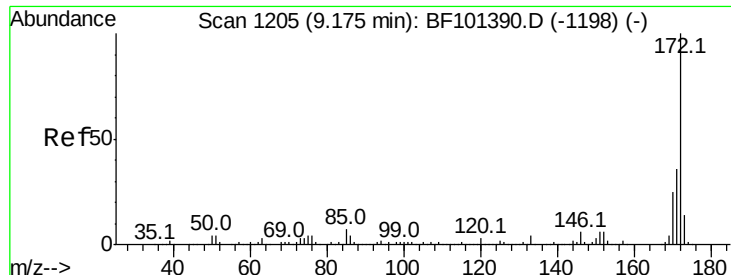
#41
 2,4,6-Tribromophenol
 Concen: 97.609 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF101796.D
 Acq: 28 Dec 2017 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	220520		
332	97.5	77.0	115.6	
141	33.6	29.9	44.9	



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





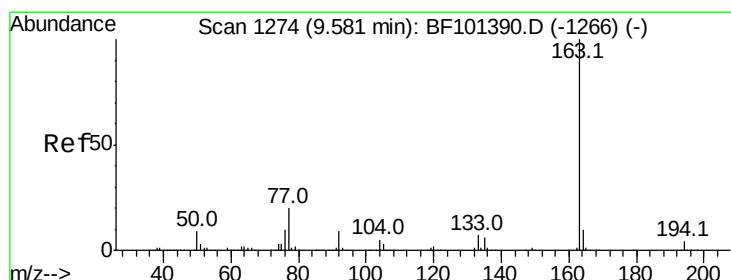
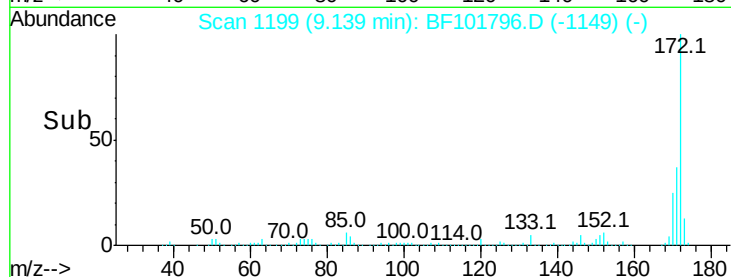
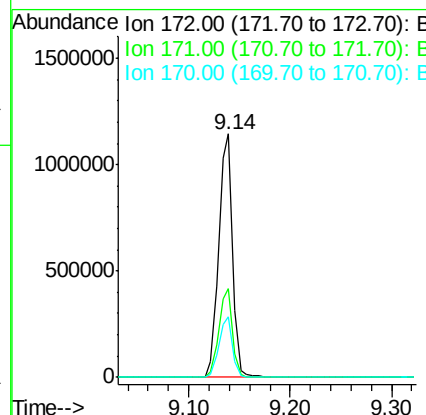
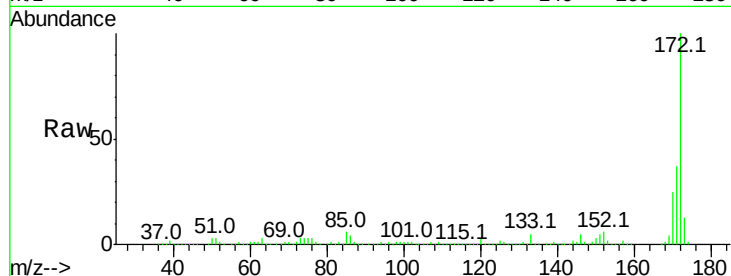
#44
2-Fluorobiphenyl
Concen: 71.908 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101796.D
Acq: 28 Dec 2017 12:29

Instrument :
BNA_F
ClientSampled :
SAMPLE-6

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4

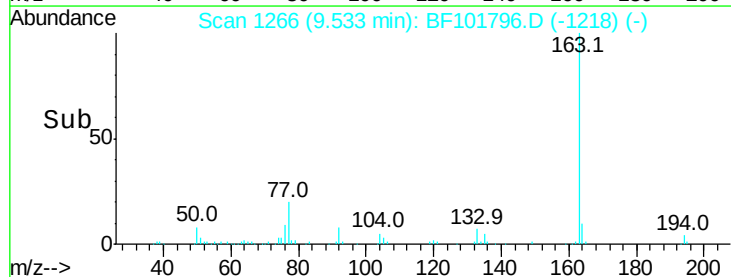
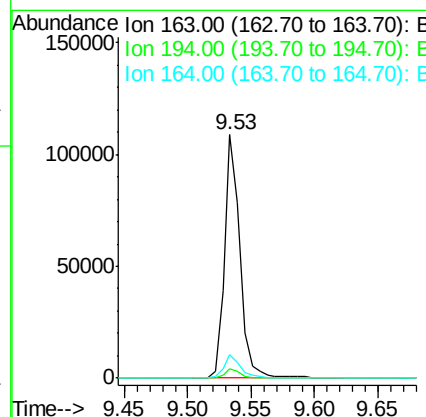
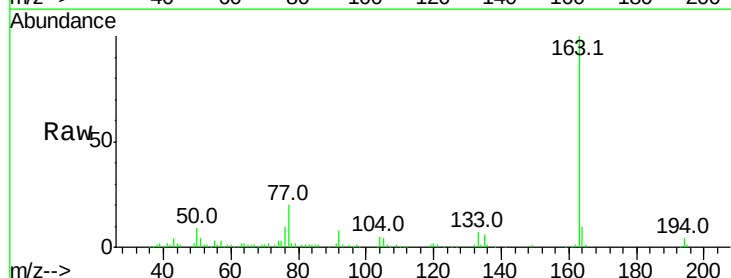
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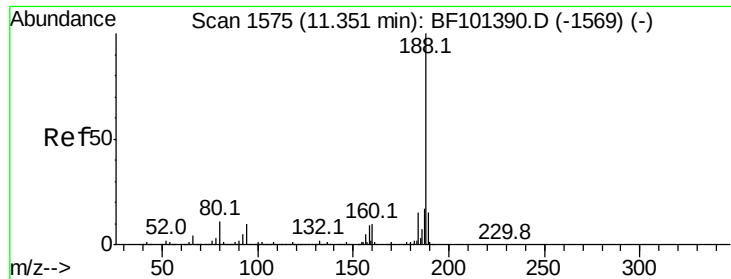
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#49
Dimethylphthalate
Concen: 4.957 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF101796.D
Acq: 28 Dec 2017 12:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.8	8.2	12.2





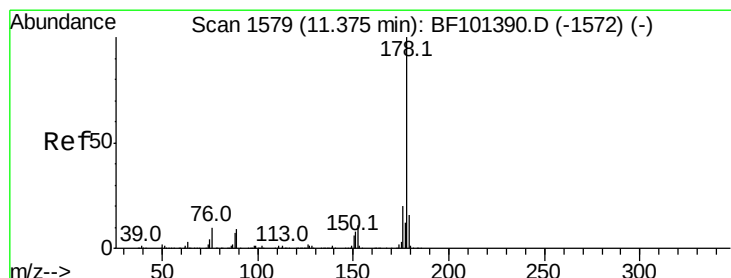
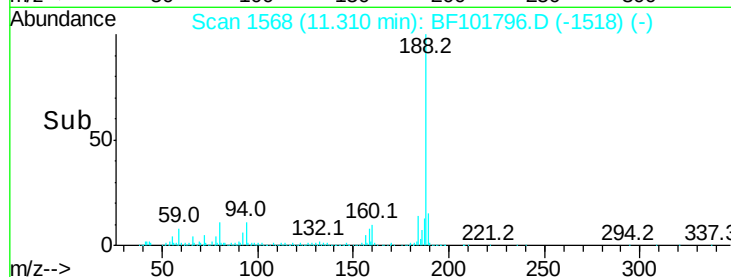
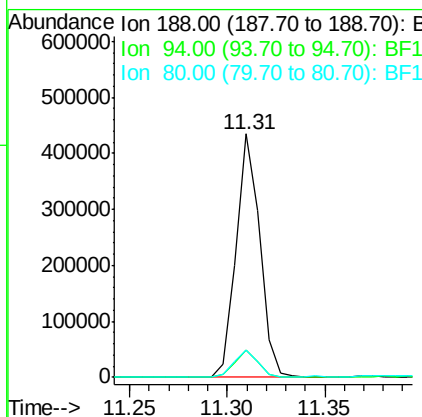
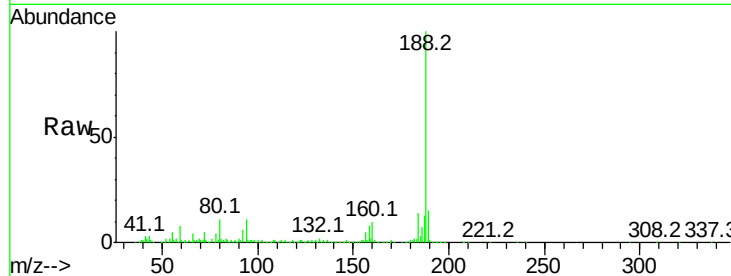
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF101796.D
Acq: 28 Dec 2017 12:29

Instrument :
BNA_F
ClientSampled :
SAMPLE-6

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.3	9.2	13.8

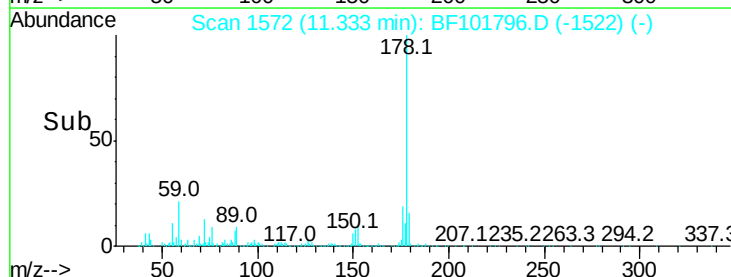
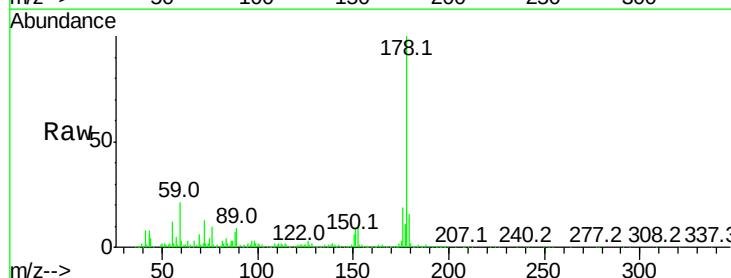
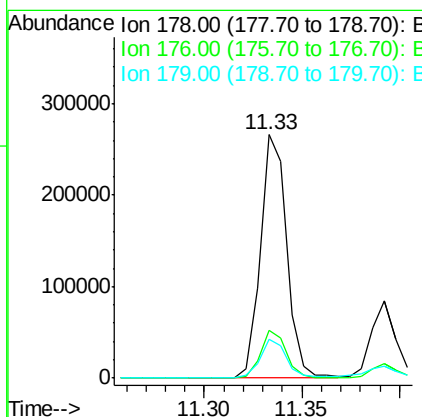
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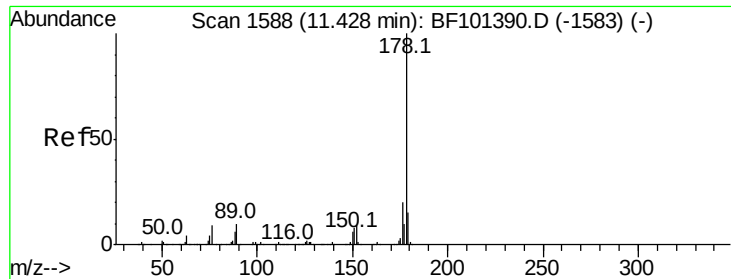
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#70
Phenanthrene
Concen: 12.231 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF101796.D
Acq: 28 Dec 2017 12:29

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.4	15.8	23.8
179	16.2	13.0	19.6





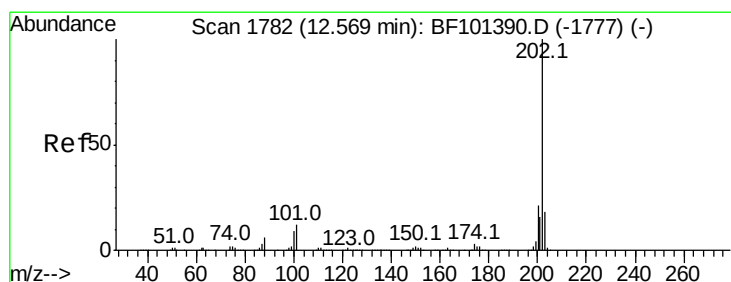
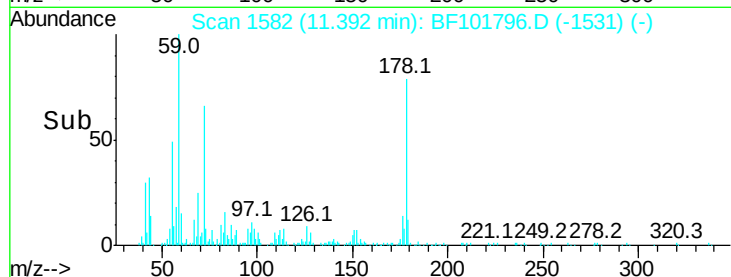
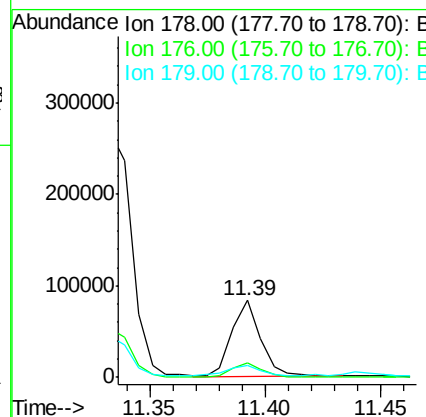
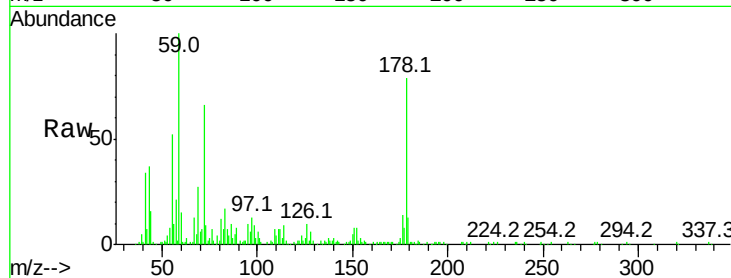
#71
 Anthracene
 Concen: 3.443 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF101796.D
 Acq: 28 Dec 2017 12:29

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	16.1	12.6	19.0

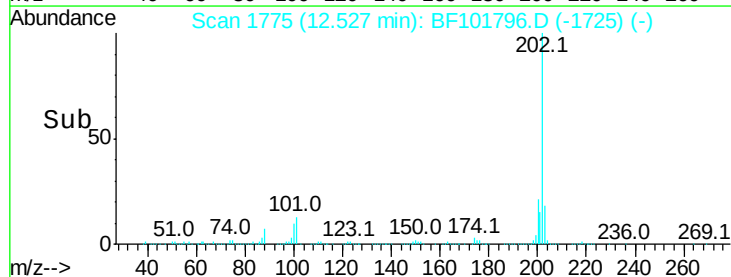
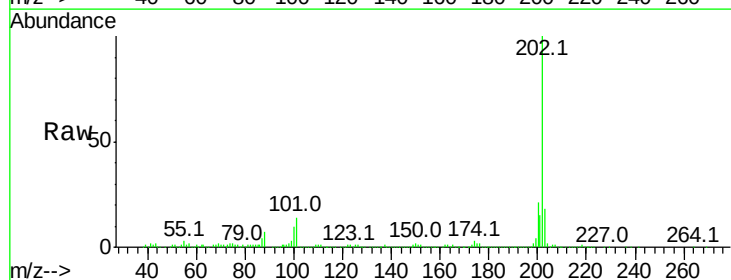
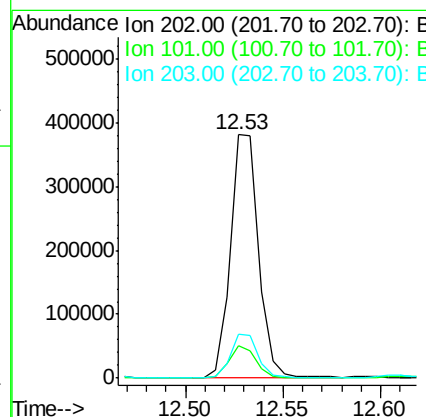
Manual Integrations
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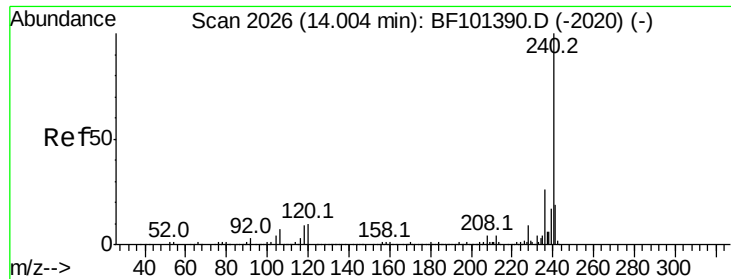
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#74
 Fluoranthene
 Concen: 17.769 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BF101796.D
 Acq: 28 Dec 2017 12:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101796.D

Acq: 28 Dec 2017 12:29

Instrument :

BNA_F

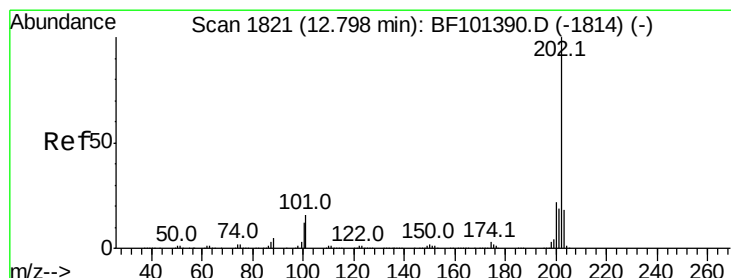
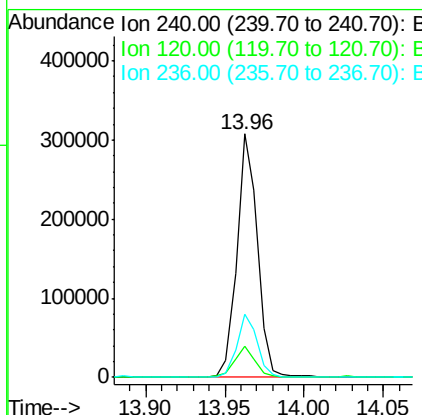
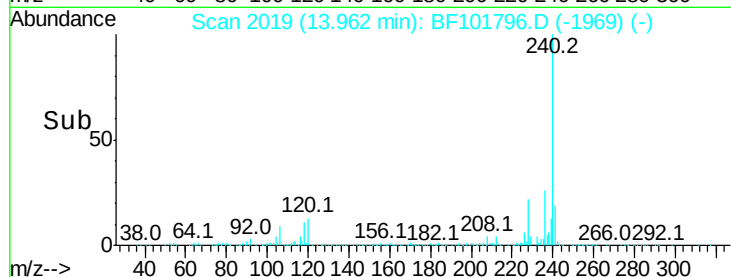
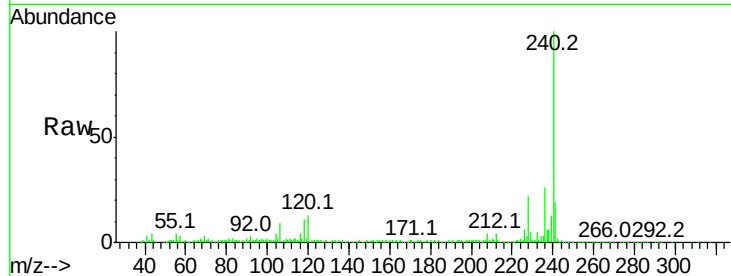
ClientSampleId :

SAMPLE-6

Tot Ion:	240	Resp:	272825
Ion Ratio	Lower	Upper	
240	100		
120	12.8	9.5	14.3
236	26.0	20.7	31.1

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#77

Pyrene

Concen: 17.967 ng

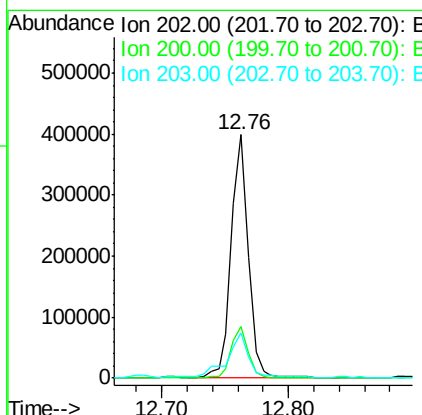
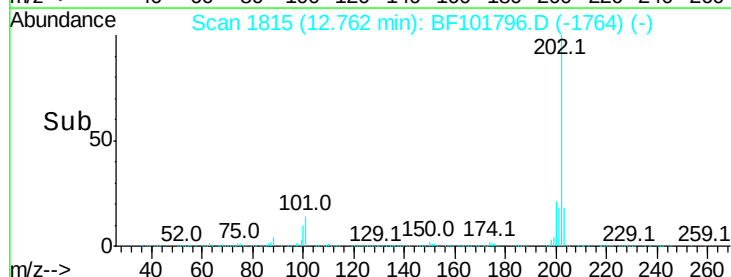
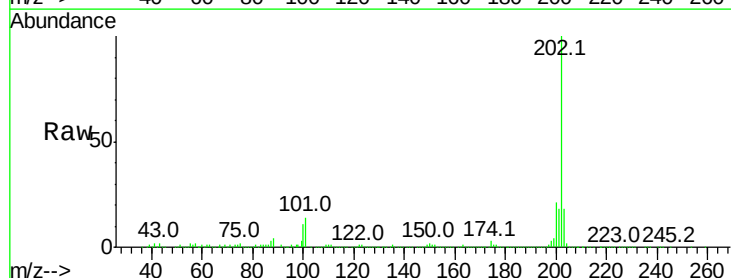
RT: 12.76 min Scan# 1815

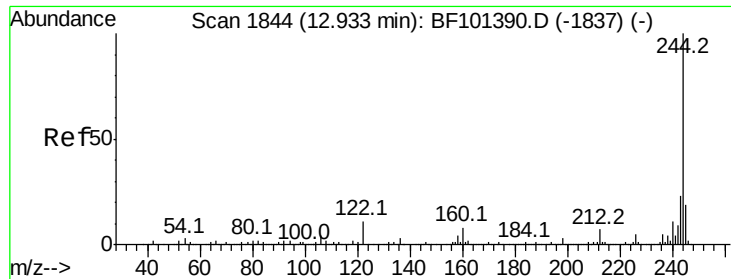
Delta R.T. -0.00 min

Lab File: BF101796.D

Acq: 28 Dec 2017 12:29

Tgt Ion:	202	Resp:	367877
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	18.3	14.3	21.5





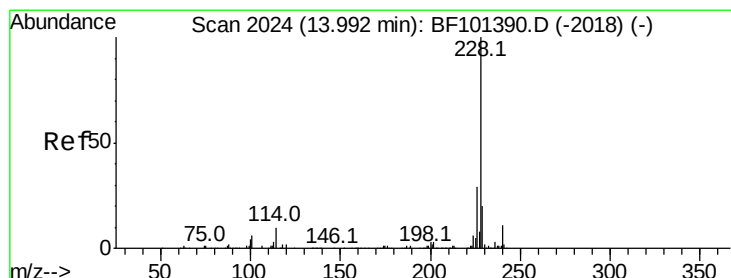
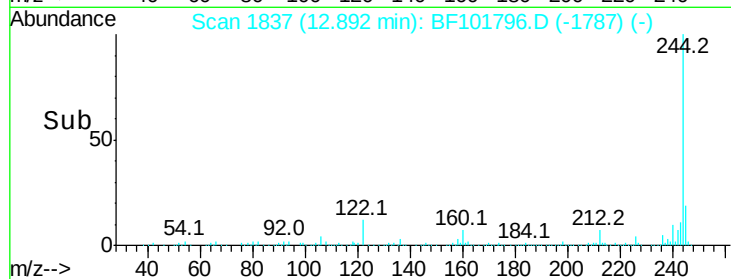
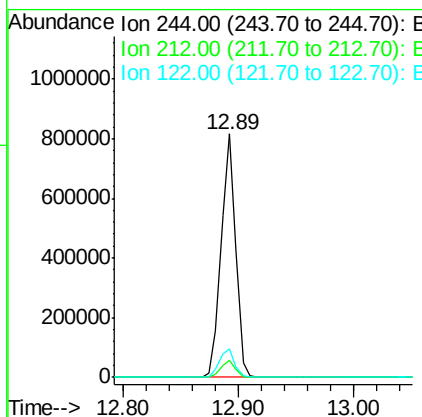
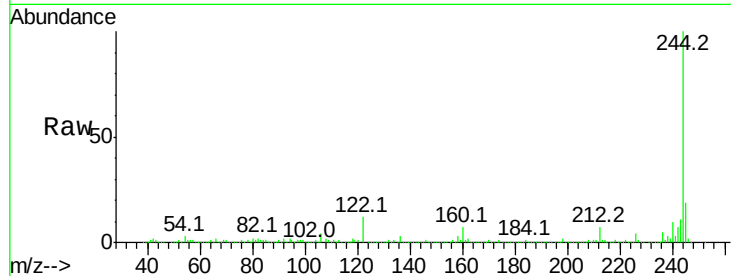
#78
 Terphenyl-d14
 Concen: 63.044 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF101796.D
 Acq: 28 Dec 2017 12:29

Instrument :
 BNA_F
 ClientSampled :
 SAMPLE-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.6	11.0	16.4

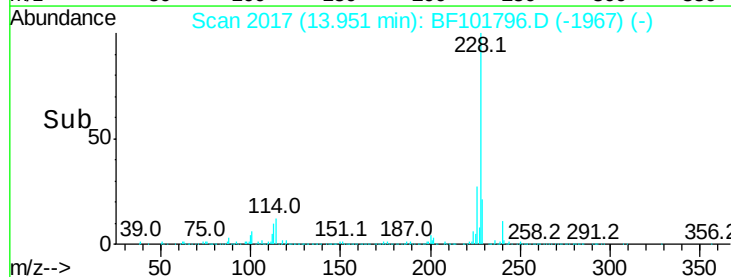
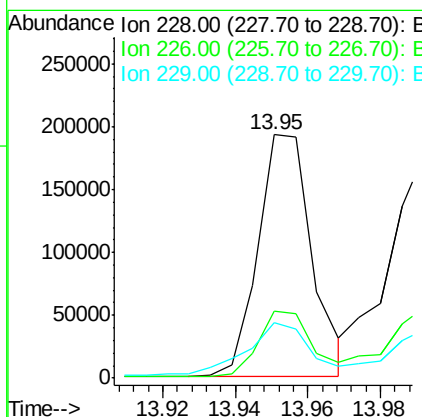
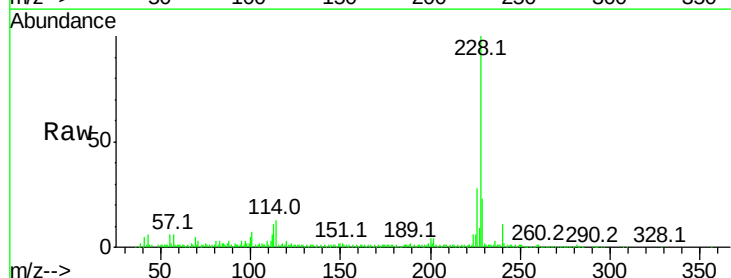
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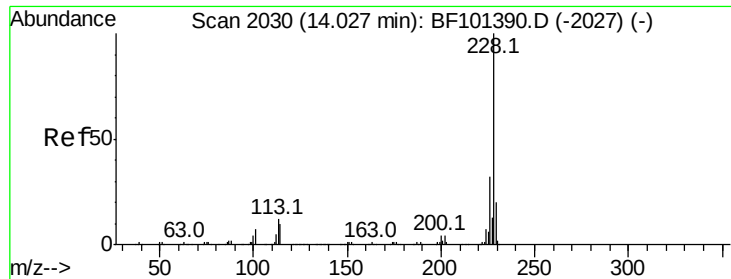
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#80
 Benzo(a)anthracene
 Concen: 11.053 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF101796.D
 Acq: 28 Dec 2017 12:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	22.7	15.8	23.6





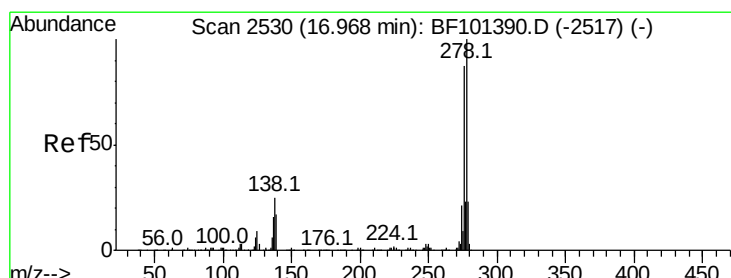
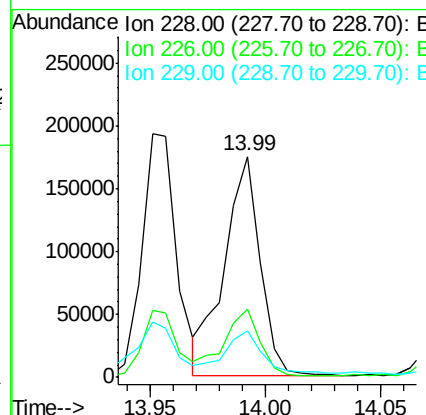
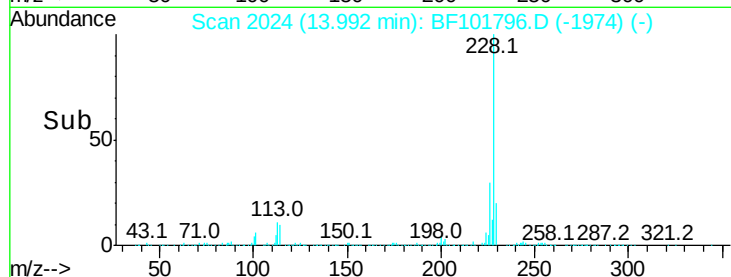
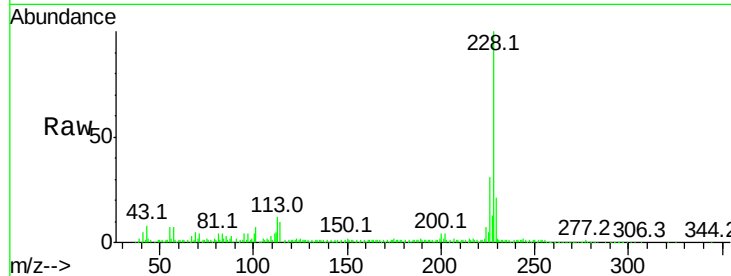
#82
Chrysene
Concen: 11.027 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101796.D
Acq: 28 Dec 2017 12:29

Instrument :
BNA_F
ClientSampled :
SAMPLE-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	21.3	16.2	24.4

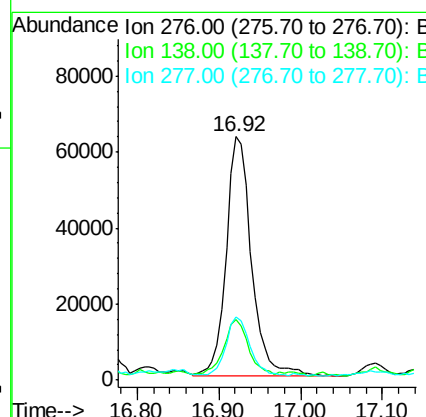
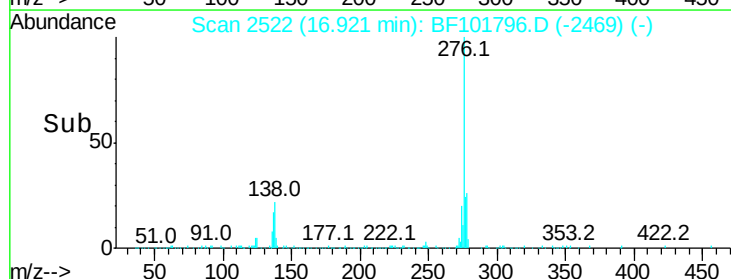
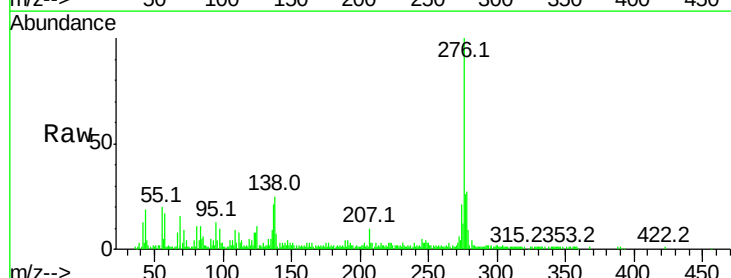
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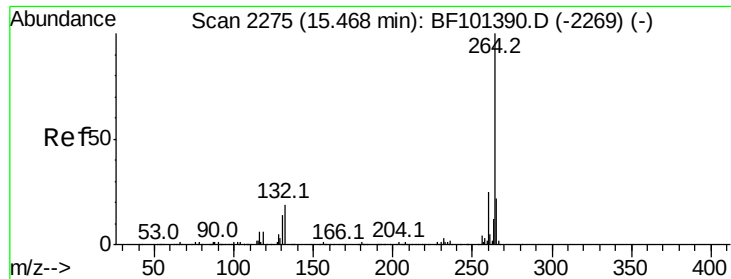
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#85
Indeno(1,2,3-cd)pyrene
Concen: 8.987 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF101796.D
Acq: 28 Dec 2017 12:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	25.0	37.6#
277	23.1	20.1	30.1





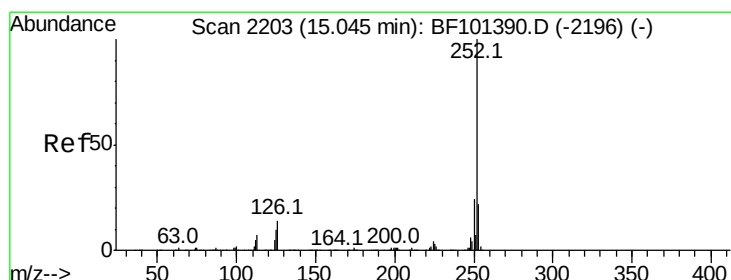
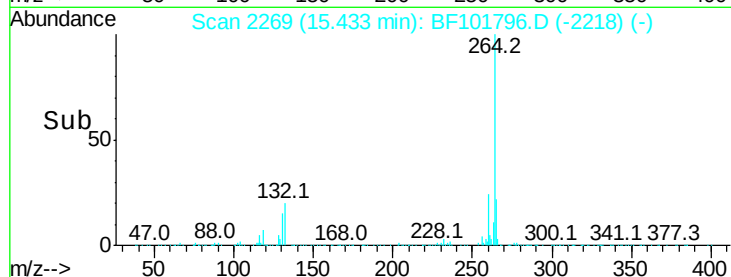
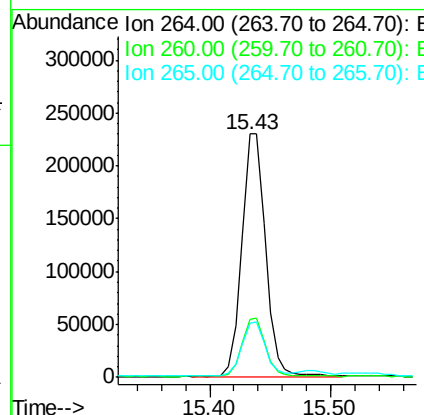
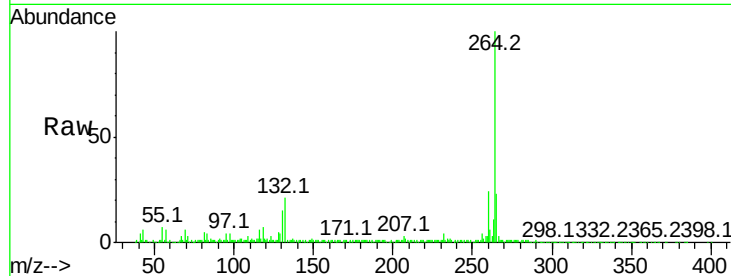
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101796.D
Acq: 28 Dec 2017 12:29

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.0	19.2	28.8	
265	22.5	17.5	26.3	

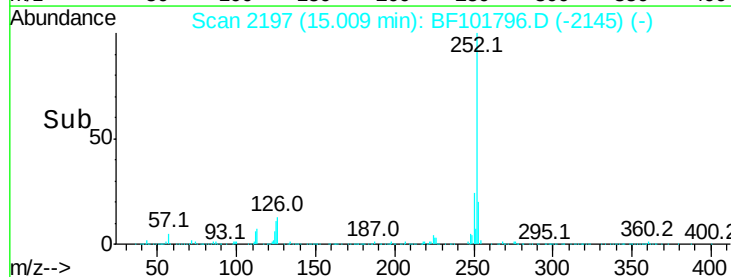
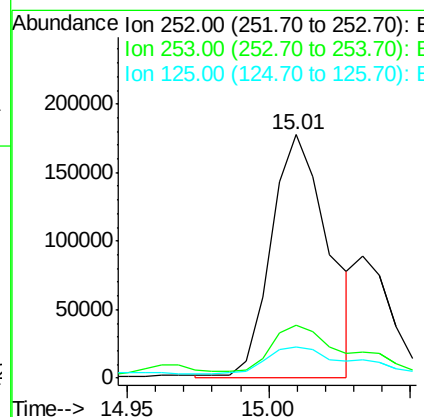
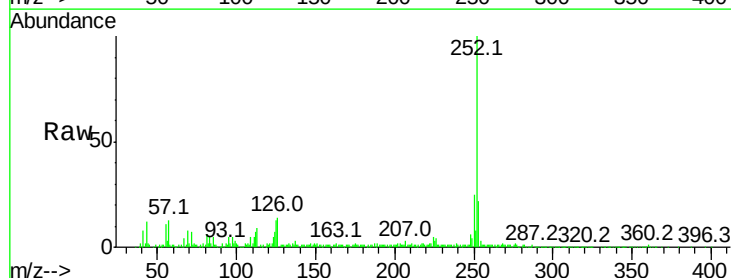
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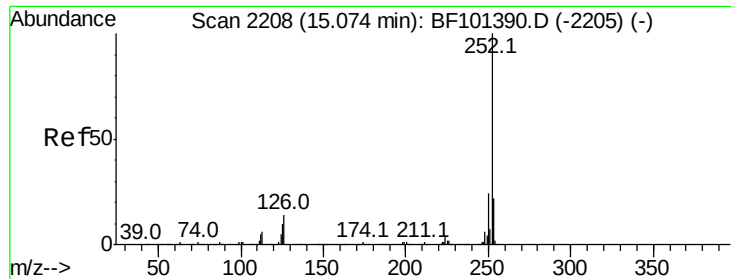
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#87
Benzo(b)fluoranthene
Concen: 13.047 ng m
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF101796.D
Acq: 28 Dec 2017 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.0	17.0	25.6	
125	12.9	9.0	13.6	





#88

Benzo(k)fluoranthene

Concen: 4.386 ng m

RT: 15.03 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BF101796.D

Acq: 28 Dec 2017 12:29

Instrument :

BNA_F

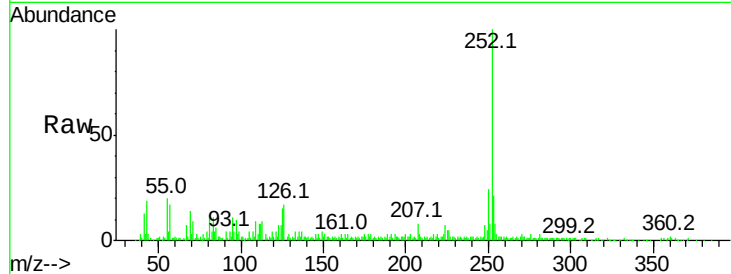
ClientSampled :

SAMPLE-6

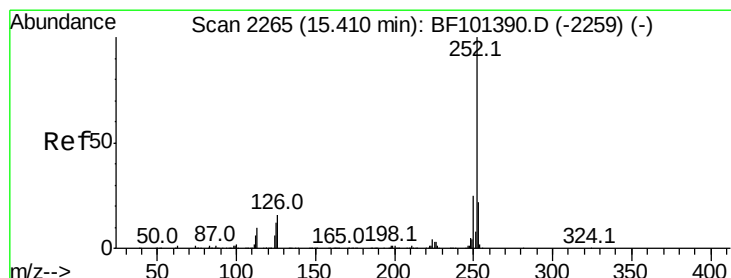
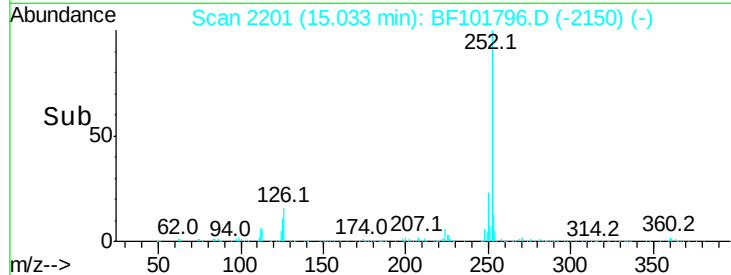
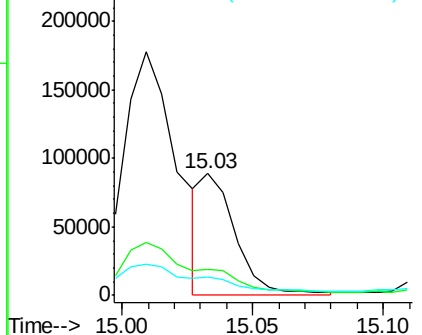
Tot Ion:	252	Resp:	82107
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.9	26.9
125	14.6	10.2	15.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 10.219 ng

RT: 15.37 min Scan# 2259

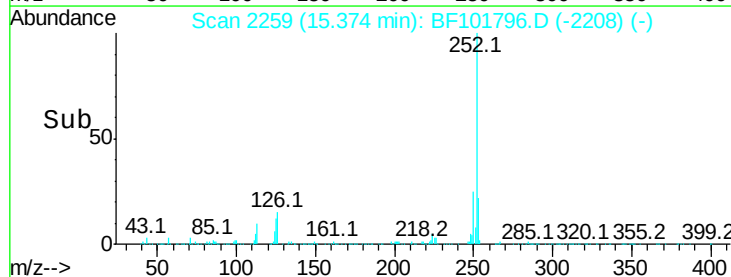
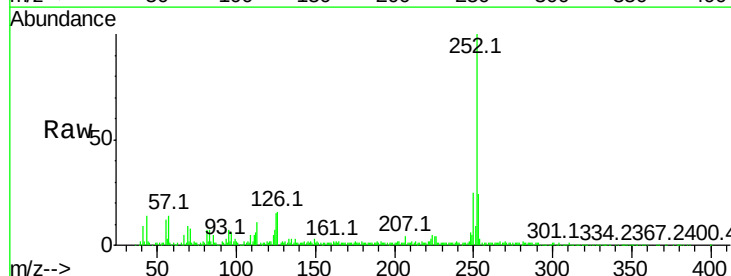
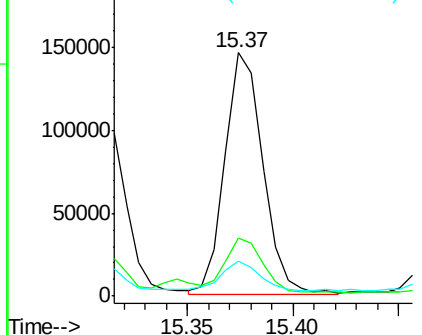
Delta R.T. -0.00 min

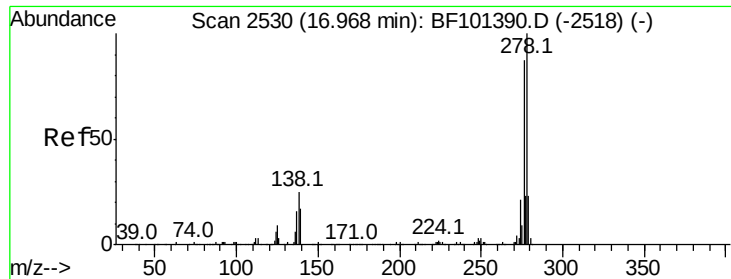
Lab File: BF101796.D

Acq: 28 Dec 2017 12:29

Tgt Ion:	252	Resp:	181386
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.1	25.7
125	14.5	9.8	14.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





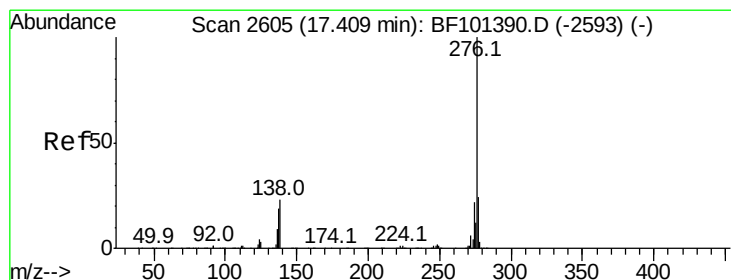
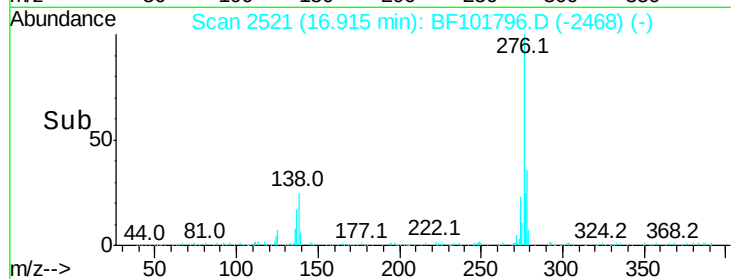
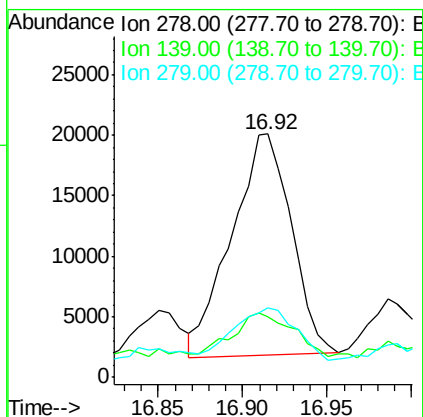
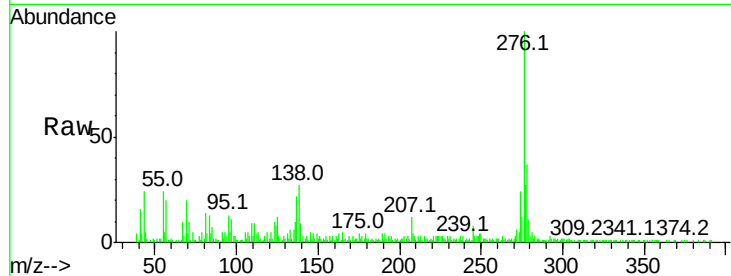
#90
Dibenzo(a,h)anthracene
Concen: 2.954 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF101796.D
Acq: 28 Dec 2017 12:29

Instrument :
BNA_F
ClientSampled :
SAMPLE-6

Tot Ion	Ratio	Lower	Upper
278	100		
139	25.1	15.9	23.9#
279	28.6	19.0	28.4#

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#91
Benzo(g,h,i)perylene
Concen: 8.129 ng
RT: 17.37 min Scan# 2599
Delta R.T. 0.02 min
Lab File: BF101796.D
Acq: 28 Dec 2017 12:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.4	17.9	26.9#
138	28.8	21.8	32.8

