

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099186.D
 Acq On : 7 Oct 2017 11:26
 Operator : SJ/JU
 Sample : I5586-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G72-0-1

Manual Integrations
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 10/9/2017 6:33:44 PM

Quant Time: Oct 08 03:56:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135514	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	553825	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	249281	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	408466	20.00	ng	0.00
75) Chrysene-d12	14.02	240	239528	20.00	ng	0.00
86) Perylene-d12	15.50	264	229327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	990972	116.41	ng	0.01
7) Phenol-d6	6.50	99	1248156	118.86	ng	0.00
23) Nitrobenzene-d5	7.43	82	773275	89.54	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	254199	124.62	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1364897	91.41	ng	0.00
78) Terphenyl-d14	12.97	244	1000177	94.96	ng	0.00
Target Compounds						
10) Phenol	6.52	94	38722	3.297	ng	90
49) Dimethylphthalate	9.61	163	234721	12.476	ng	99
70) Phenanthrene	11.41	178	101264	4.632	ng	97
74) Fluoranthene	12.60	202	118614	5.358	ng	97
77) Pyrene	12.83	202	102337	5.603	ng	99
80) Benzo(a)anthracene	14.01	228	43616	3.007	ng	97
82) Chrysene	14.05	228	43458	3.147	ng	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	25166	2.278	ng	96
87) Benzo(b)fluoranthene	15.06	252	49812m	3.533	ng	
89) Benzo(a)pyrene	15.43	252	35179	2.718	ng	# 91
91) Benzo(g,h,i)perylene	17.42	276	24611	2.404	ng	# 86

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

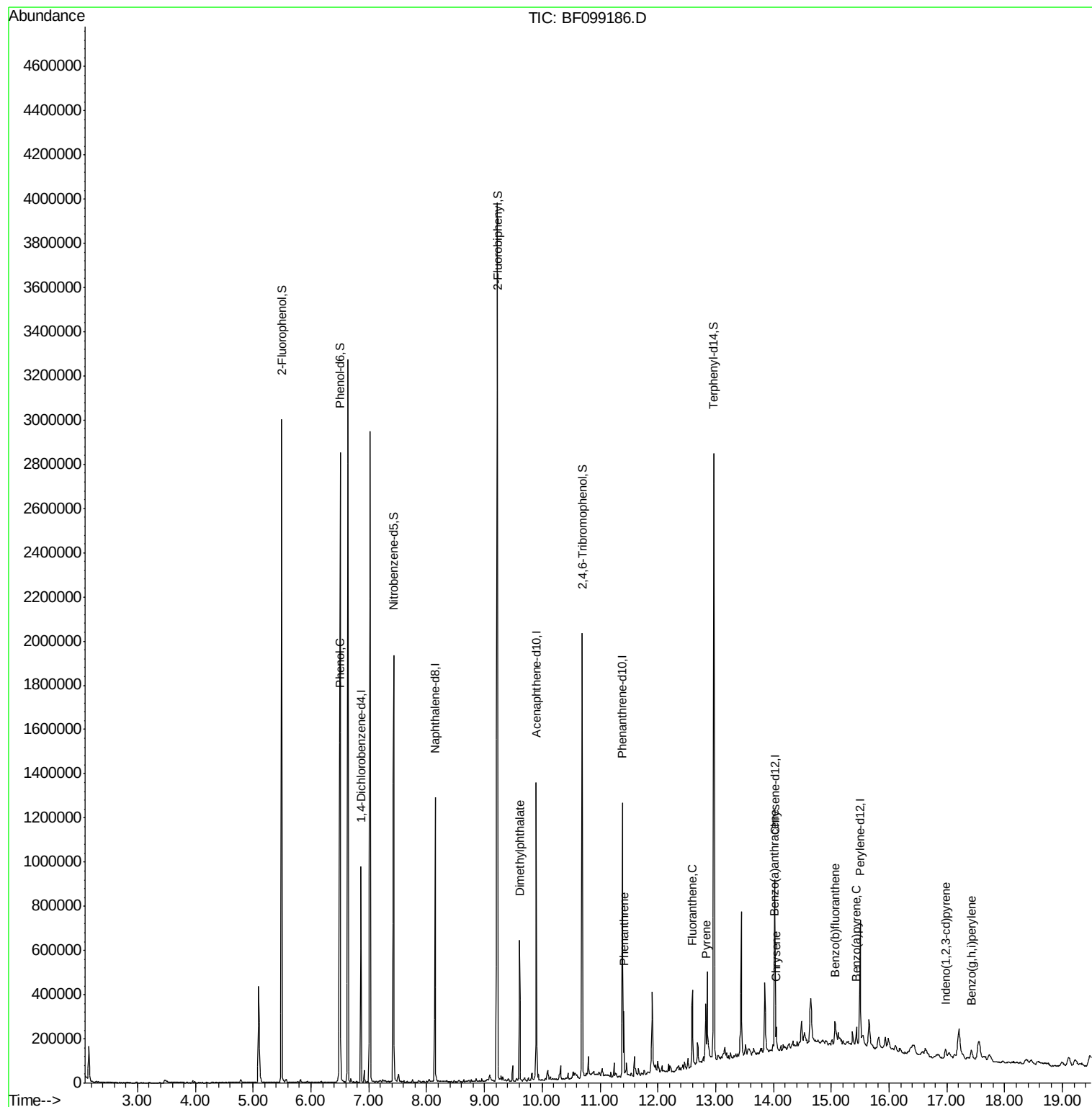
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099186.D
Acq On : 7 Oct 2017 11:26
Operator : SJ/JU
Sample : I5586-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

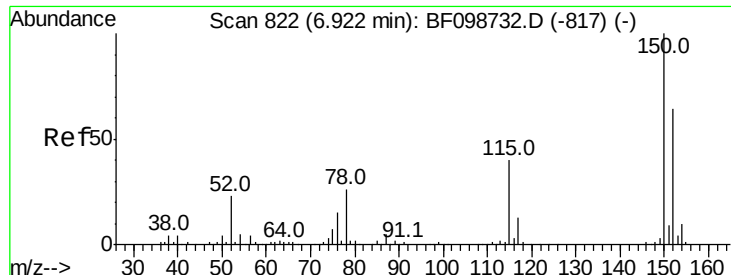
Instrument :
BNA_F
ClientSampleId :
G72-0-1

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Quant Time: Oct 08 03:56:42 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

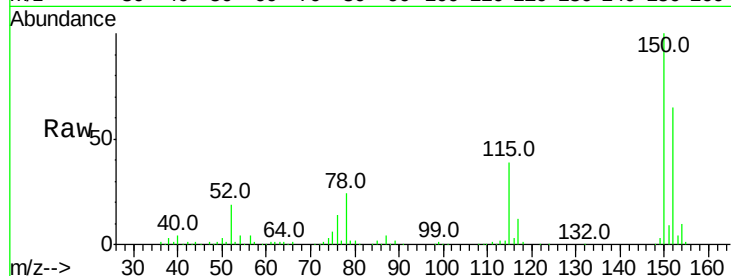
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF099186.D
Acq: 7 Oct 2017 11:26

Instrument :
BNA_F
ClientSampleId :
G72-0-1

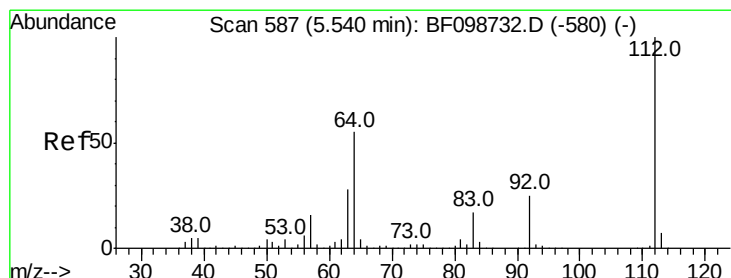
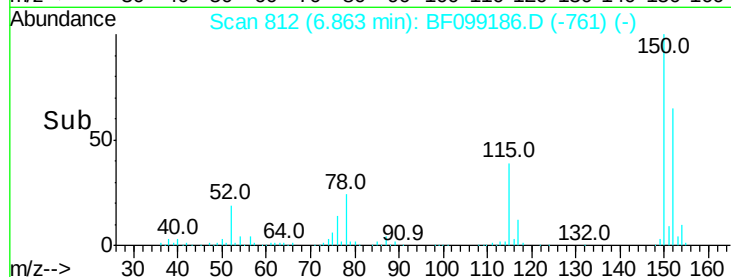
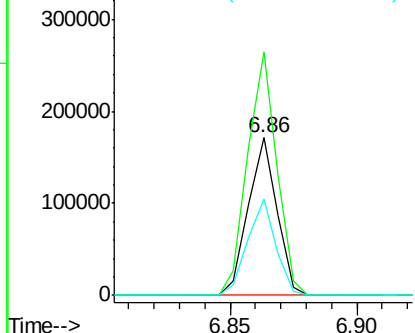
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	61.0	50.1	75.1

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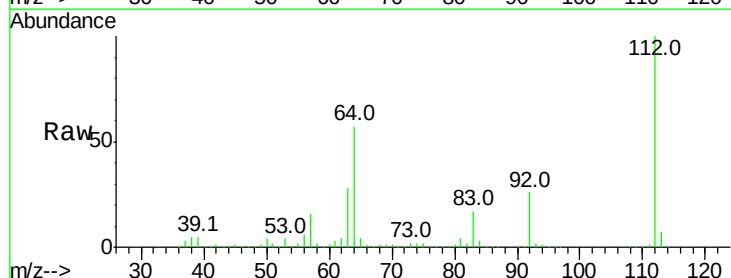
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



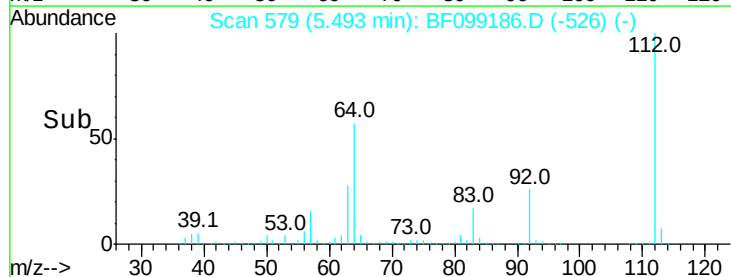
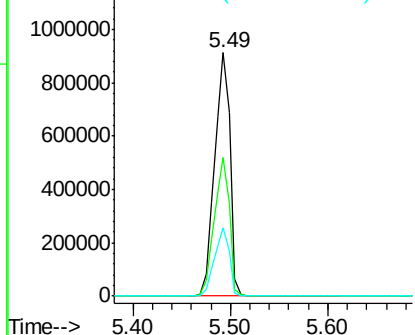
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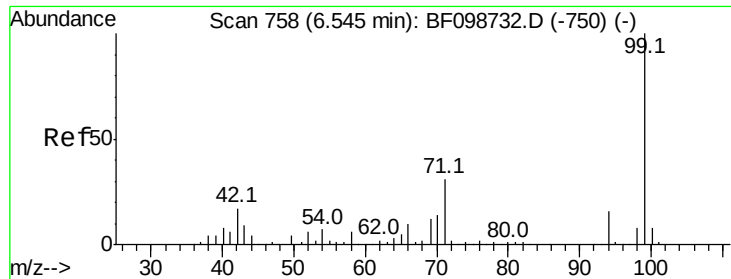
2-Fluorophenol
Concen: 116.411 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099186.D
Acq: 7 Oct 2017 11:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	28.3	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.856 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099186.D

Acq: 7 Oct 2017 11:26

Instrument :

BNA_F

ClientSampled :

G72-0-1

Tot Ion: 99 Resp: 1248156

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

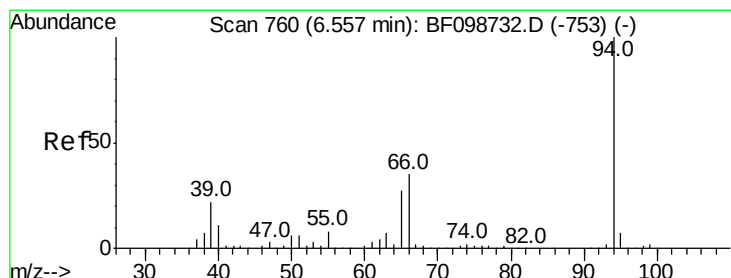
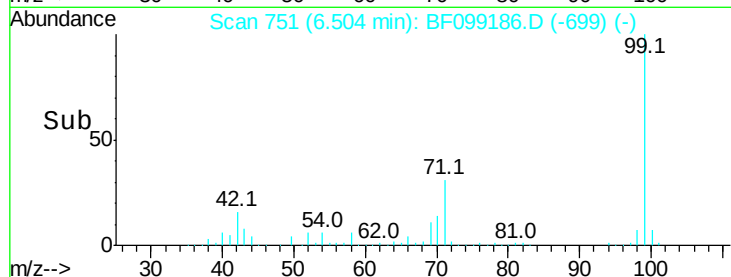
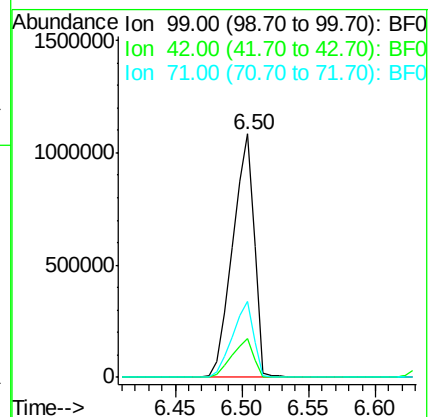
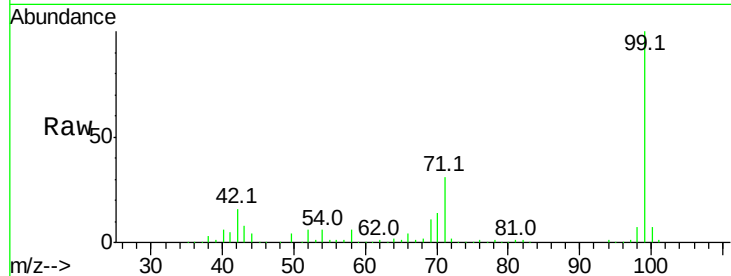
71 31.1 25.4 38.0

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#10

Phenol

Concen: 3.297 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF099186.D

Acq: 7 Oct 2017 11:26

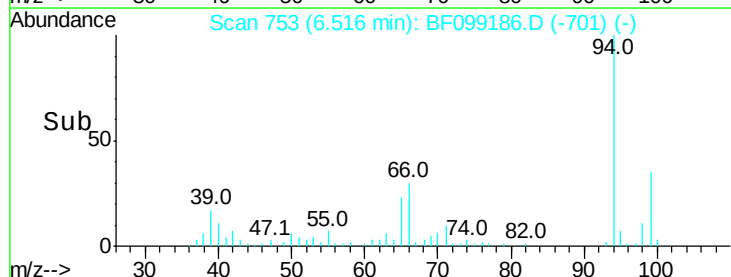
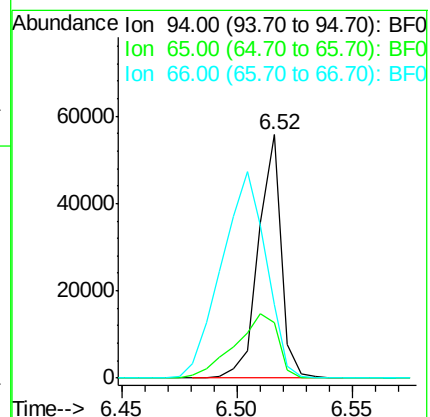
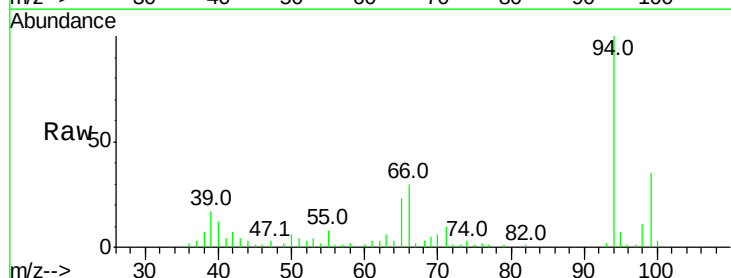
Tgt Ion: 94 Resp: 38722

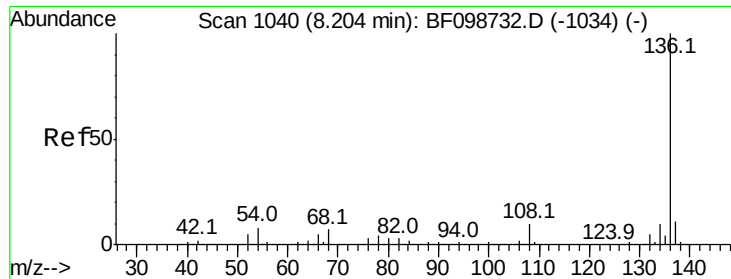
Ion Ratio Lower Upper

94 100

65 22.8 7.9 47.9

66 29.9 16.2 56.2





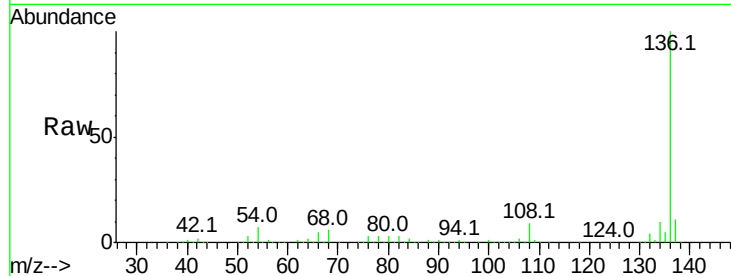
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF099186.D
Acq: 7 Oct 2017 11:26

Instrument :
BNA_F
ClientSampled :
G72-0-1

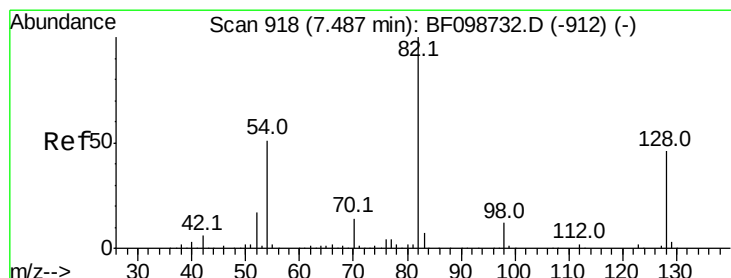
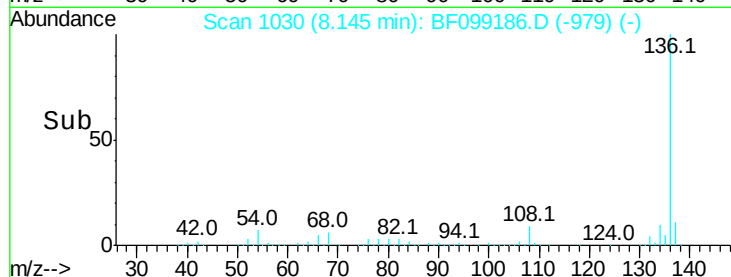
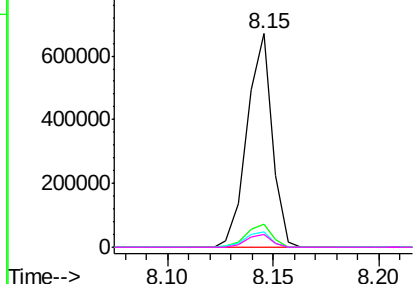
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	7.1	6.6	9.8	
68	5.8	5.0	7.4	

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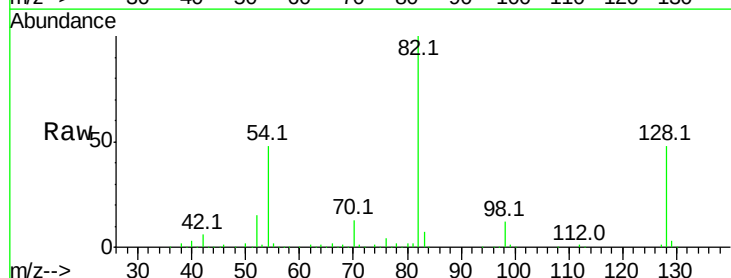


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

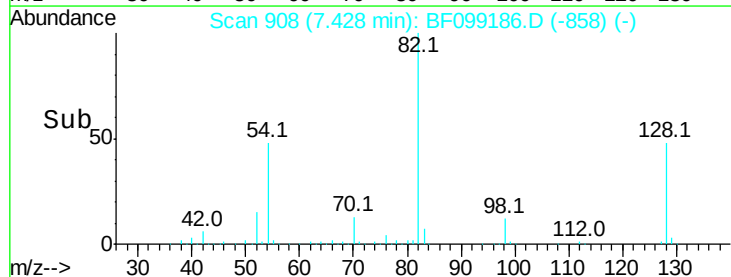
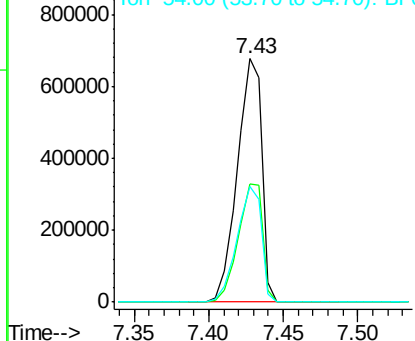


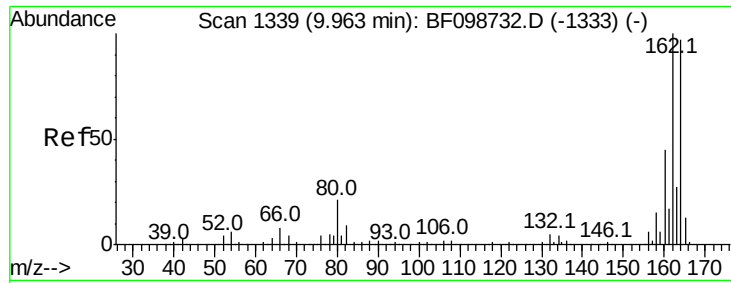
#23
Nitrobenzene-d5
Concen: 89.541 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099186.D
Acq: 7 Oct 2017 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.3	36.1	54.1	
54	47.7	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





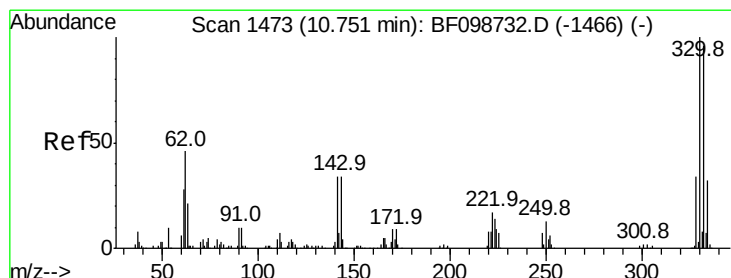
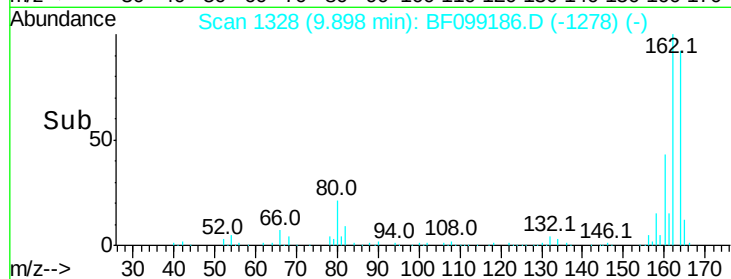
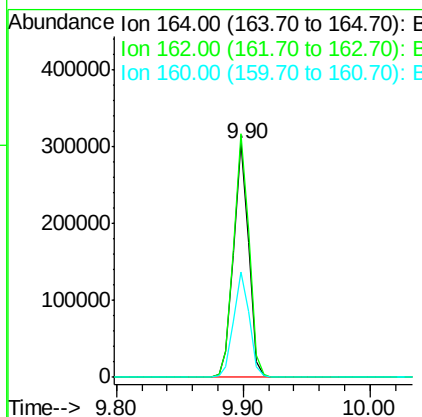
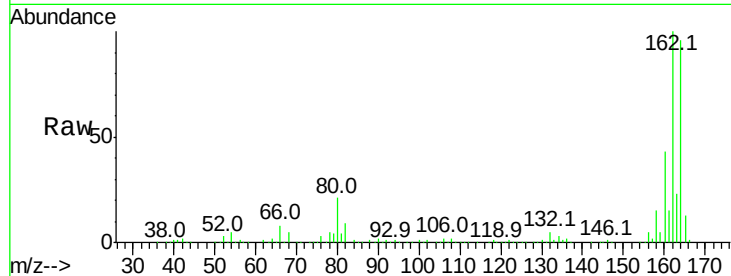
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099186.D
Acq: 7 Oct 2017 11:26

Instrument :
BNA_F
ClientSampleId :
G72-0-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	249281		
162	103.9	86.1	129.1	
160	45.0	38.3	57.5	

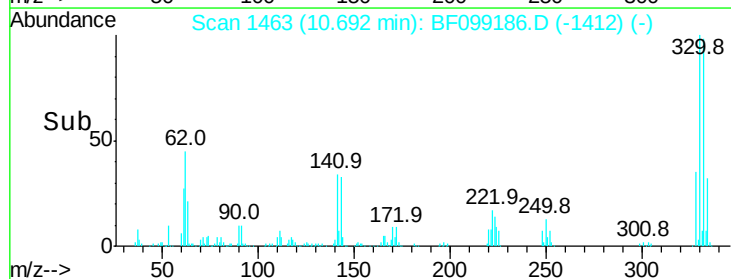
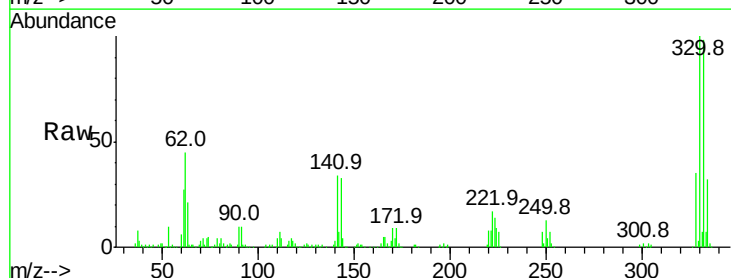
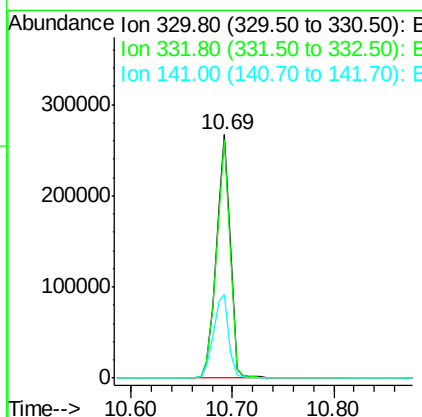
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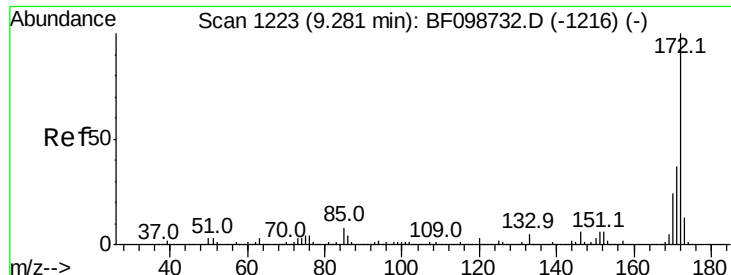
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#41
2,4,6-Tribromophenol
Concen: 124.620 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF099186.D
Acq: 7 Oct 2017 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	254199		
332	96.6	77.0	115.6	
141	37.9	29.9	44.9	





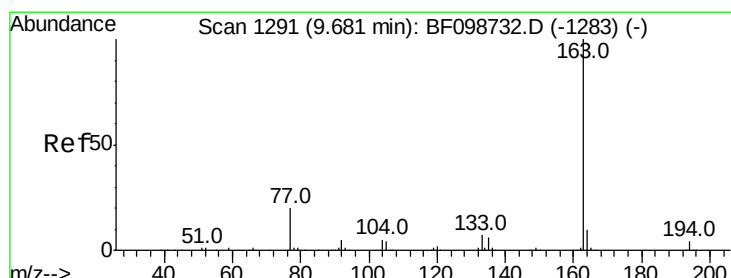
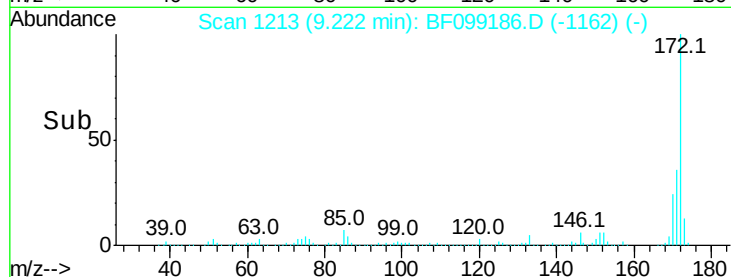
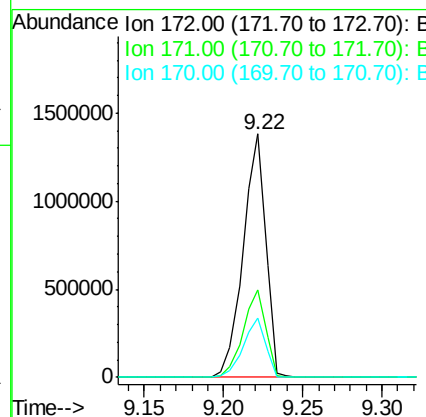
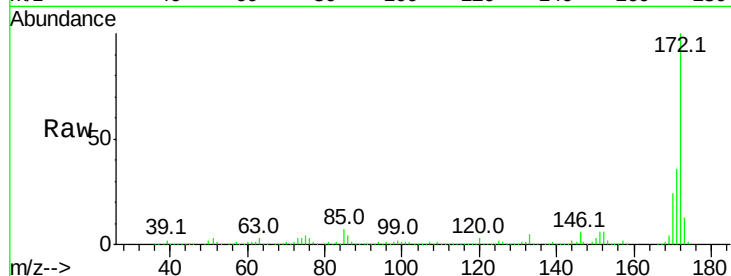
#44
2-Fluorobiphenyl
Concen: 91.406 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF099186.D
Acq: 7 Oct 2017 11:26

Instrument :
BNA_F
ClientSampleId :
G72-0-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4

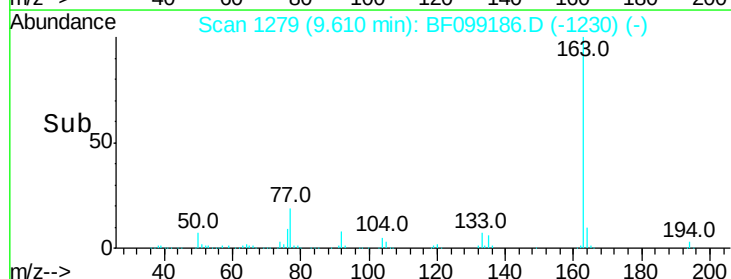
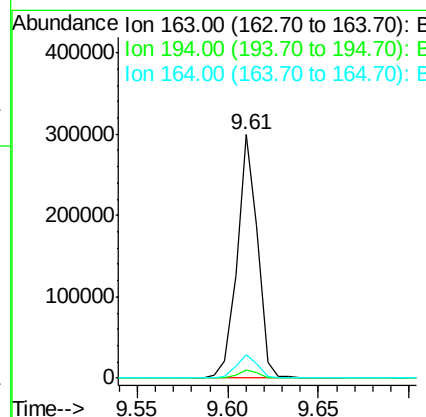
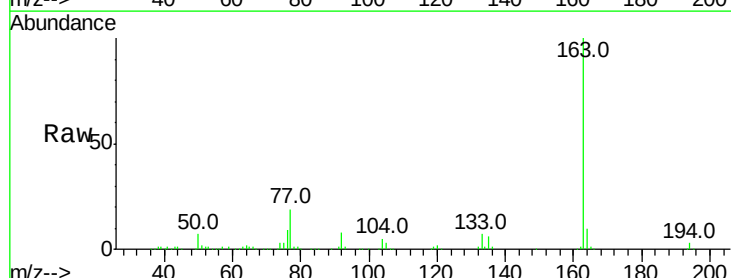
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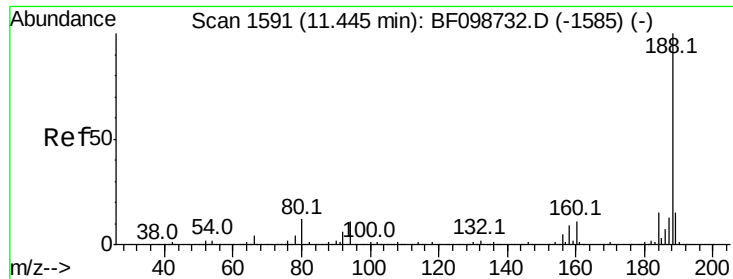
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#49
Dimethylphthalate
Concen: 12.476 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF099186.D
Acq: 7 Oct 2017 11:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.7	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BF099186.D

Acq: 7 Oct 2017 11:26

Instrument :

BNA_F

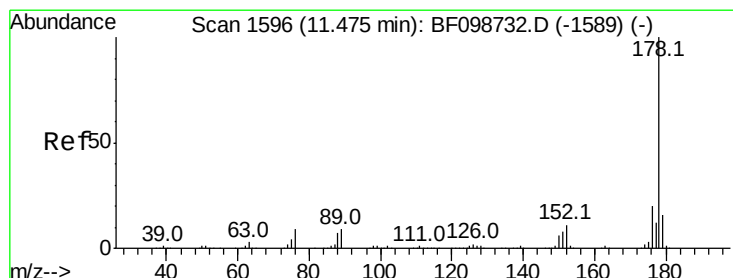
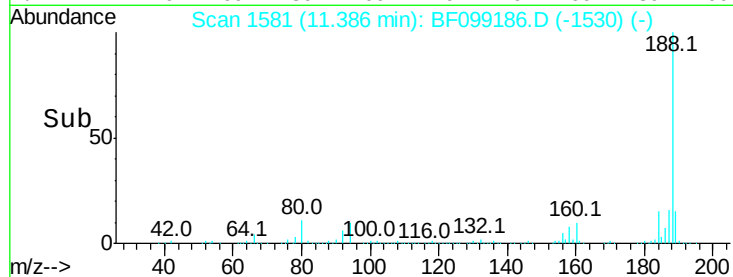
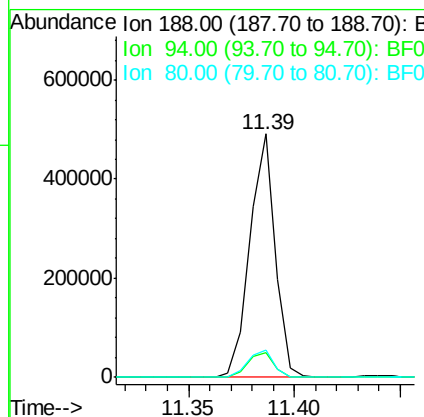
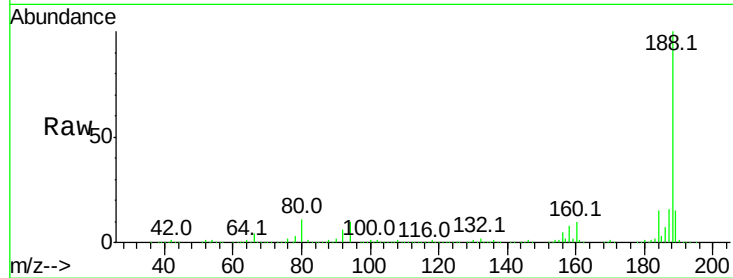
ClientSampleId :

G72-0-1

Tot Ion:	188	Resp:	408466
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.5	12.7
80	11.2	9.2	13.8

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#70

Phenanthrene

Concen: 4.632 ng

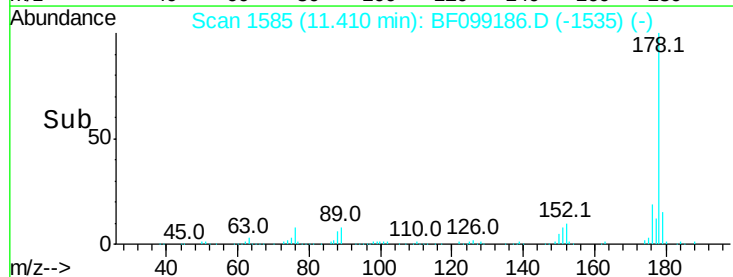
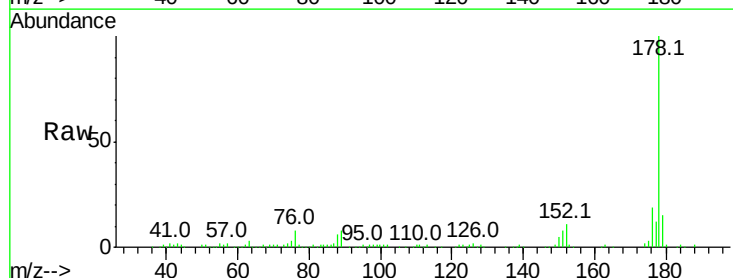
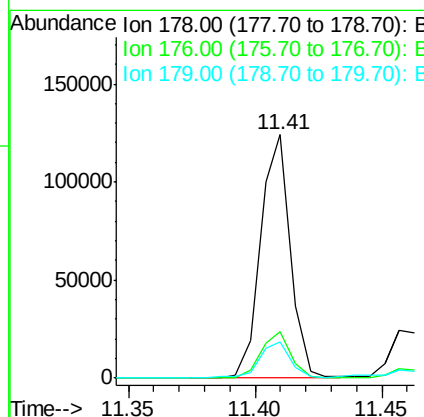
RT: 11.41 min Scan# 1585

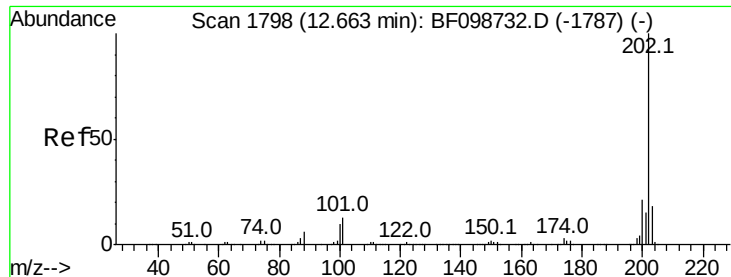
Delta R.T. -0.01 min

Lab File: BF099186.D

Acq: 7 Oct 2017 11:26

Tgt Ion:	178	Resp:	101264
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.8	23.8
179	14.7	13.0	19.6





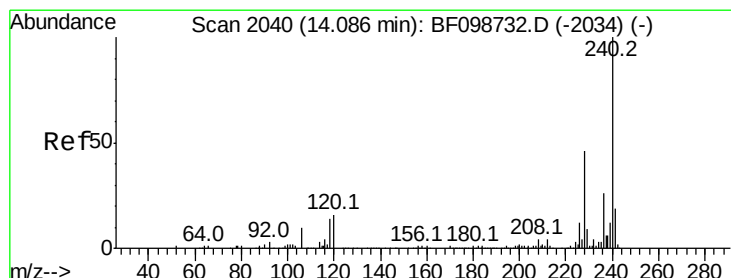
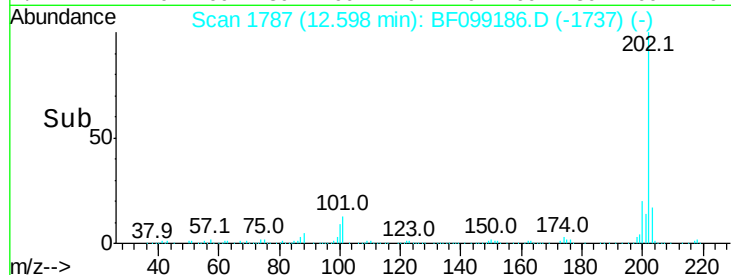
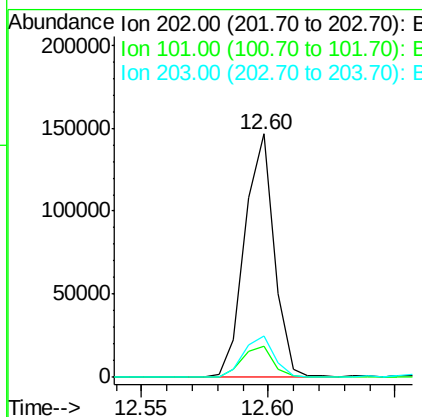
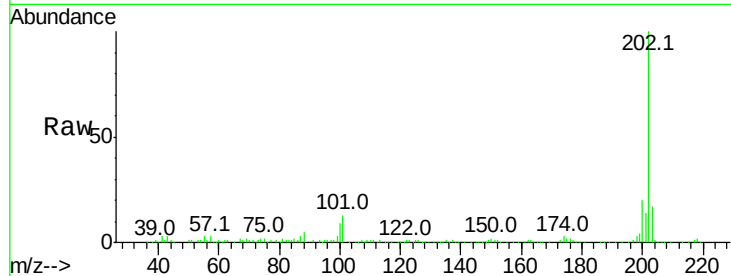
#74
Fluoranthene
Concen: 5.358 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF099186.D
Acq: 7 Oct 2017 11:26

Instrument :
BNA_F
ClientSampleId :
G72-0-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.0	0.0	38.1

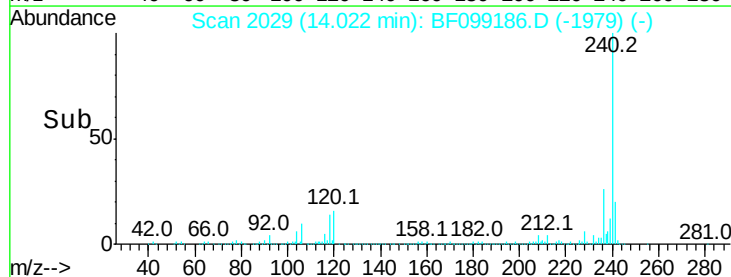
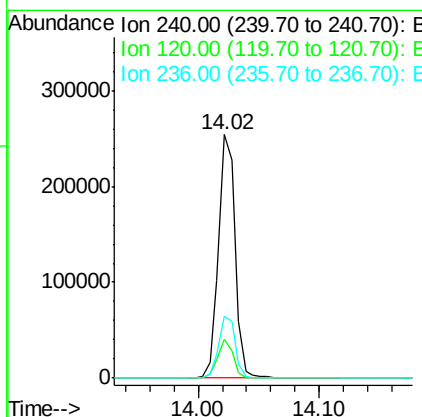
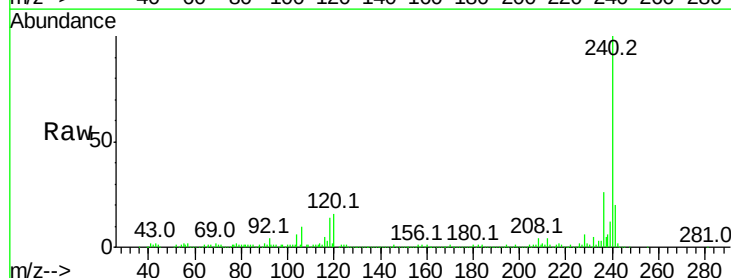
Manual Integrations
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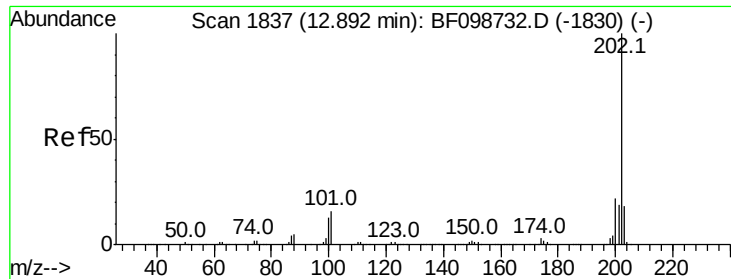
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099186.D
Acq: 7 Oct 2017 11:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.0	9.5	14.3#
236	25.5	20.7	31.1





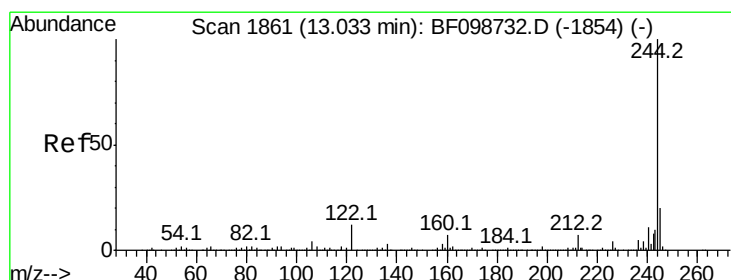
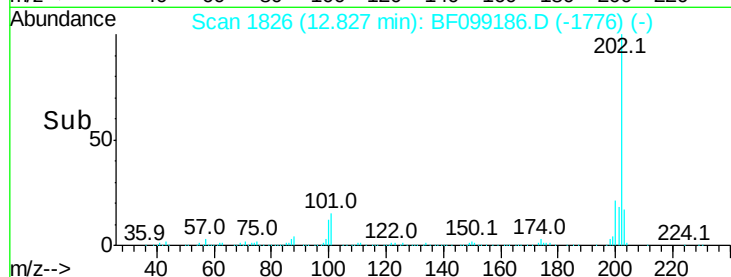
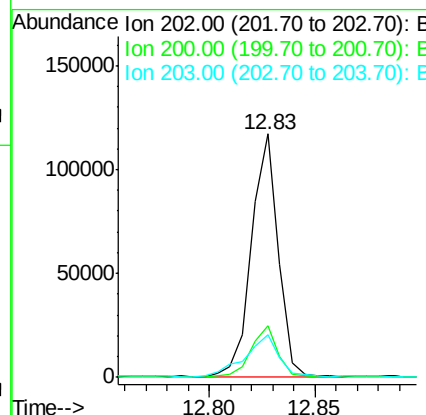
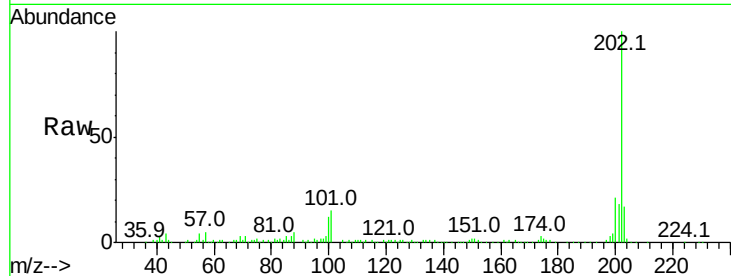
#77
Pvrene
Concen: 5.603 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF099186.D
Acq: 7 Oct 2017 11:26

Instrument :
BNA_F
ClientSampleId :
G72-0-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.5	14.3	21.5

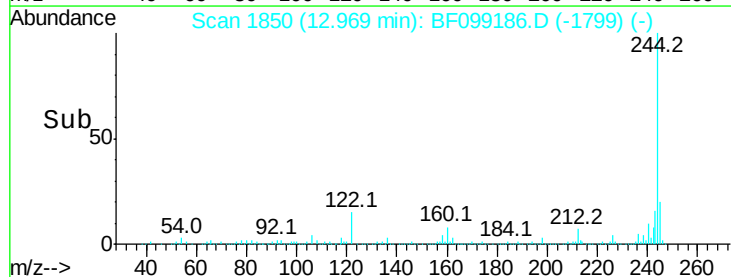
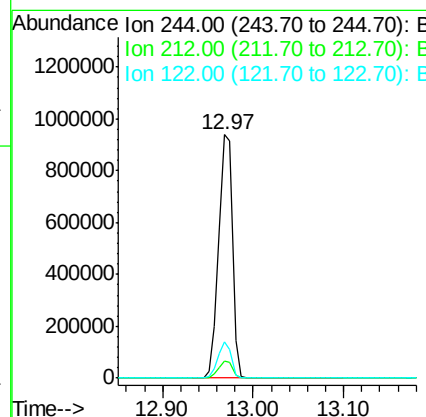
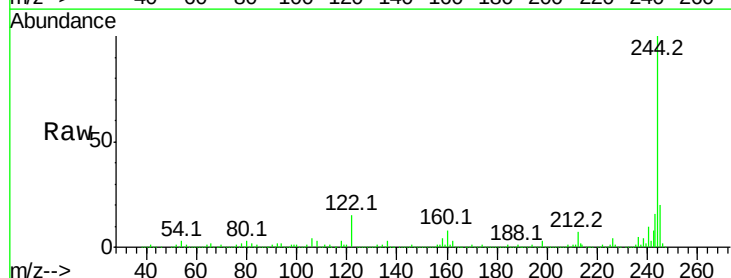
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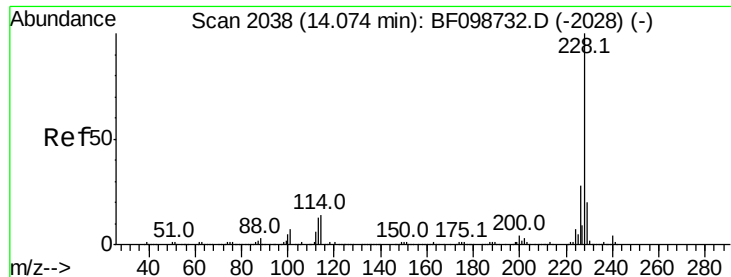
Sohil
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#78
Terphenyl-d14
Concen: 94.962 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BF099186.D
Acq: 7 Oct 2017 11:26

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.7	11.0	16.4





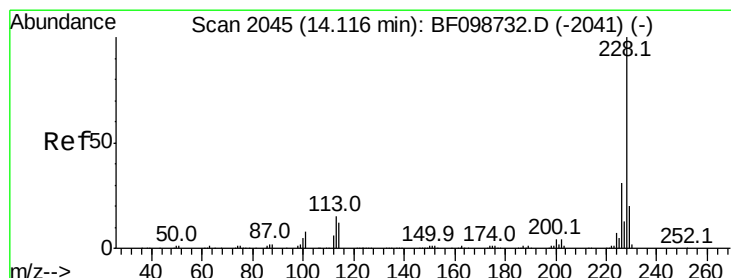
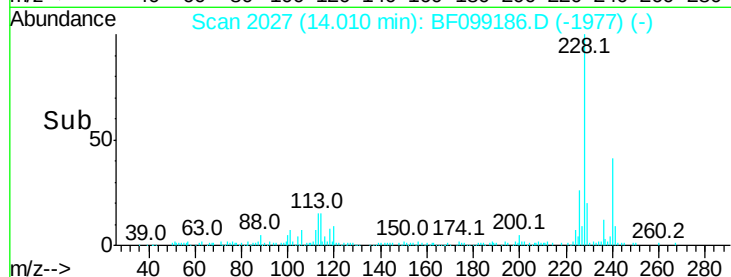
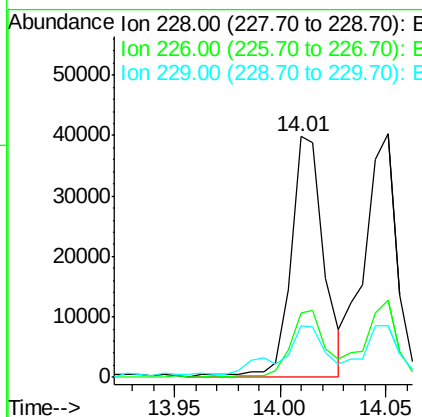
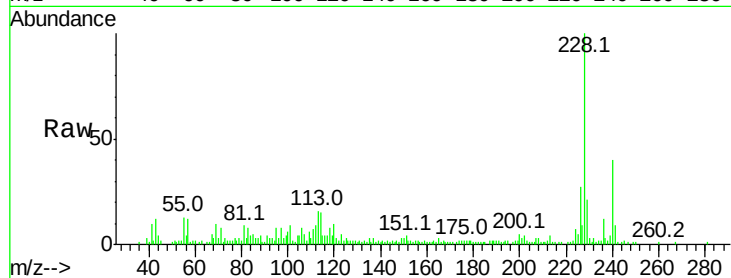
#80
Benzo(a)anthracene
Concen: 3.007 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099186.D
Acq: 7 Oct 2017 11:26

Instrument :
BNA_F
ClientSampled :
G72-0-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	21.3	15.8	23.6

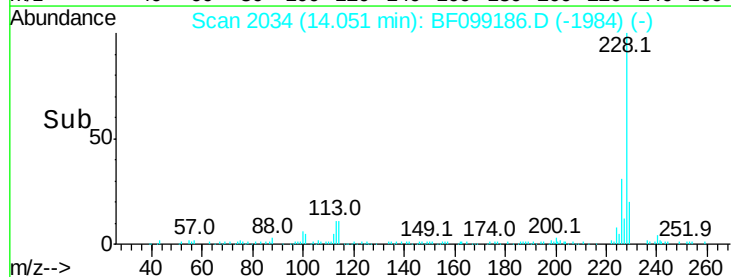
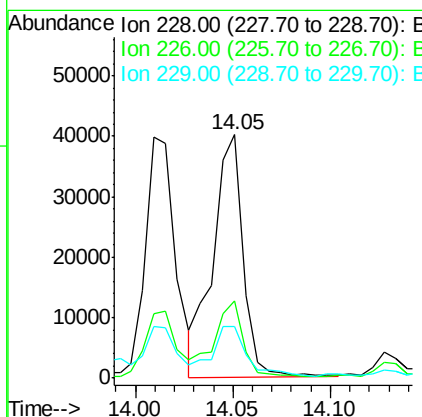
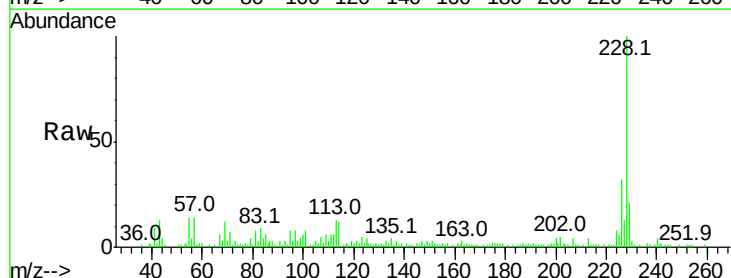
Manual Integrations
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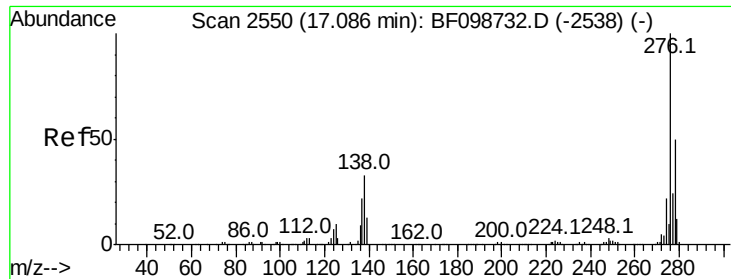
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#82
Chrysene
Concen: 3.147 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF099186.D
Acq: 7 Oct 2017 11:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	21.4	16.2	24.4





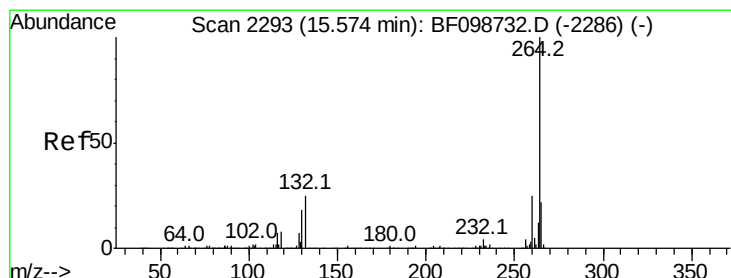
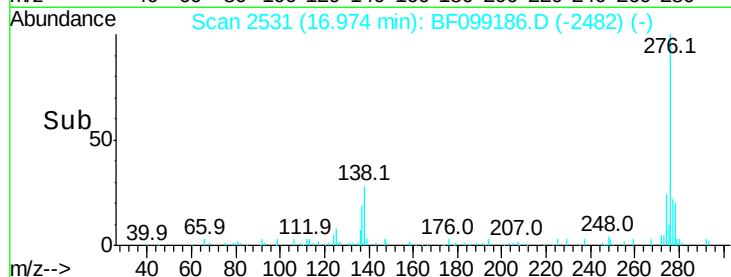
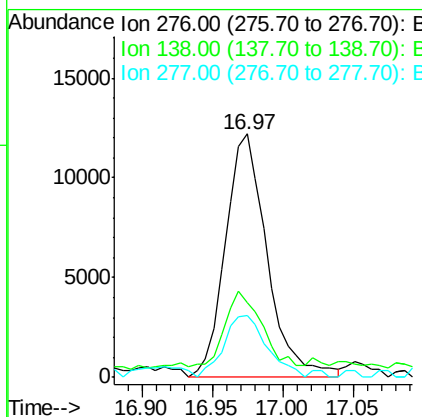
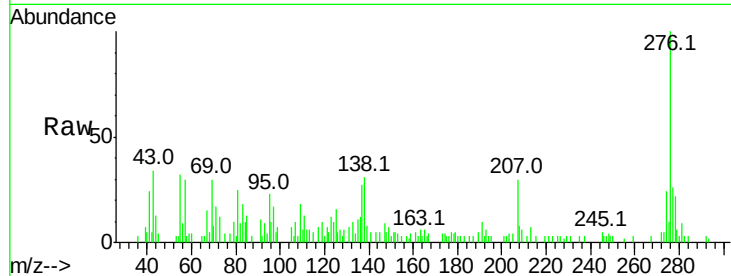
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.278 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF099186.D
Acq: 7 Oct 2017 11:26

Instrument :
BNA_F
ClientSampleId :
G72-0-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	25.0	37.6
277	26.2	20.1	30.1

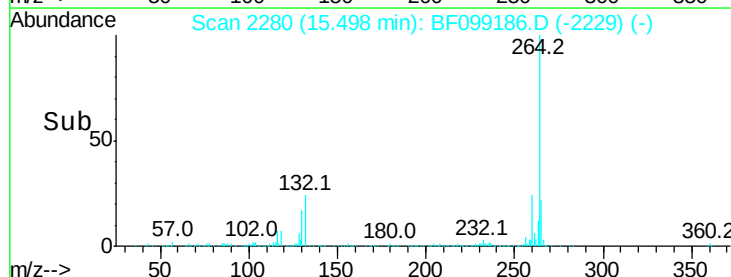
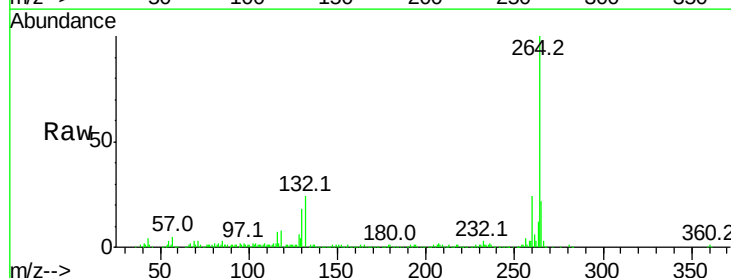
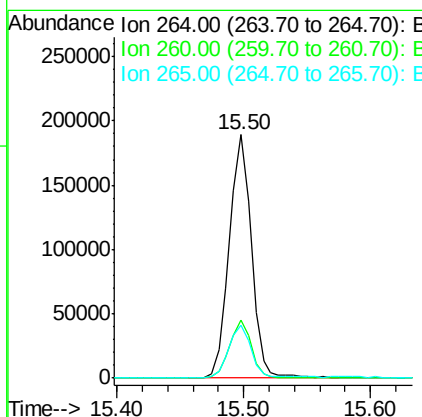
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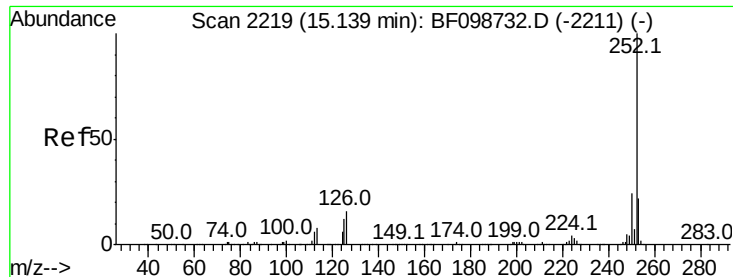
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF099186.D
Acq: 7 Oct 2017 11:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.533 ng m

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF099186.D

Acq: 7 Oct 2017 11:26

Instrument :

BNA_F

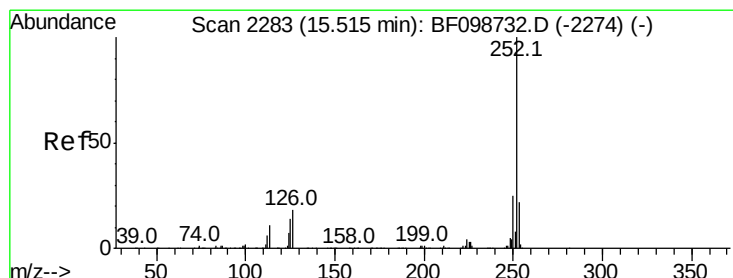
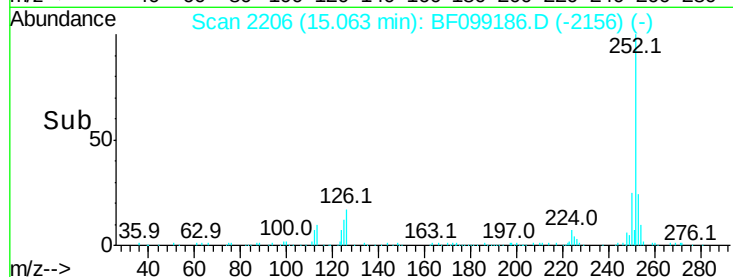
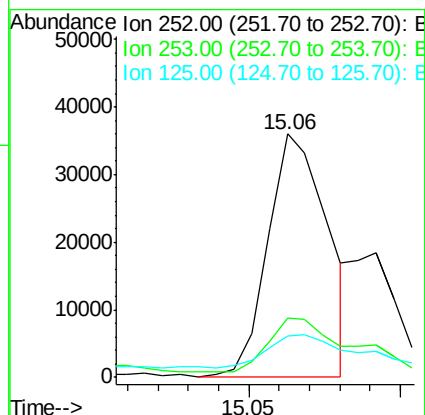
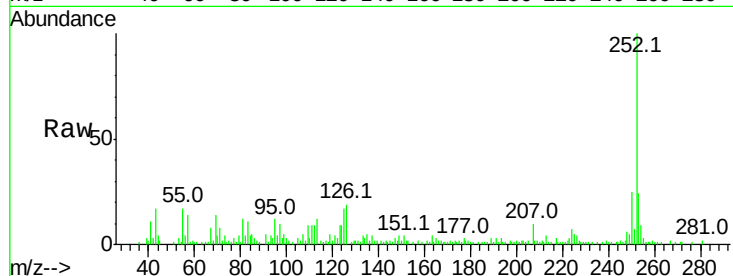
ClientSampled :

G72-0-1

Tot Ion:	252	Resp:	49812
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.0	25.6
125	16.8	9.0	13.6#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 2.718 ng

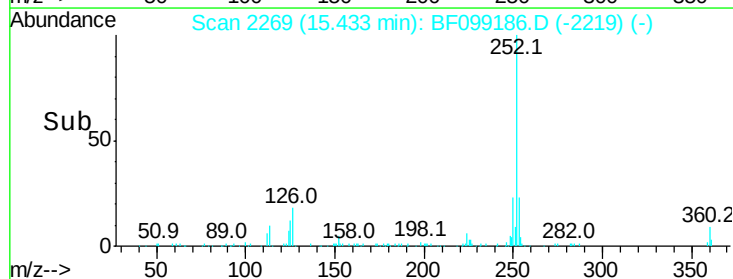
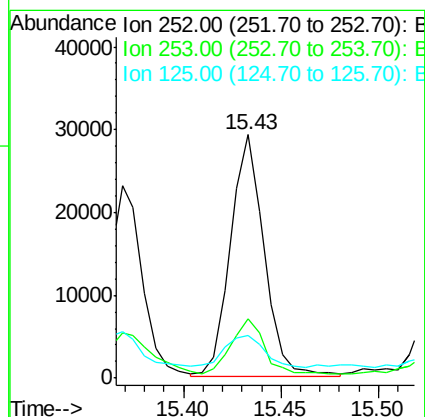
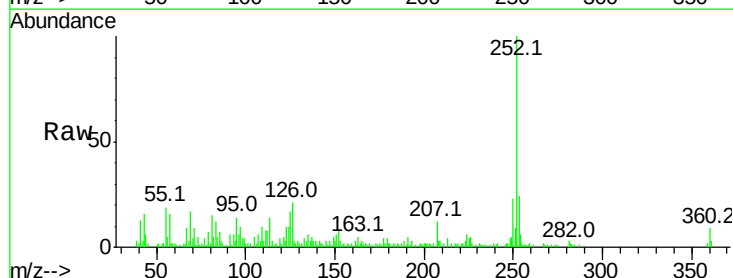
RT: 15.43 min Scan# 2269

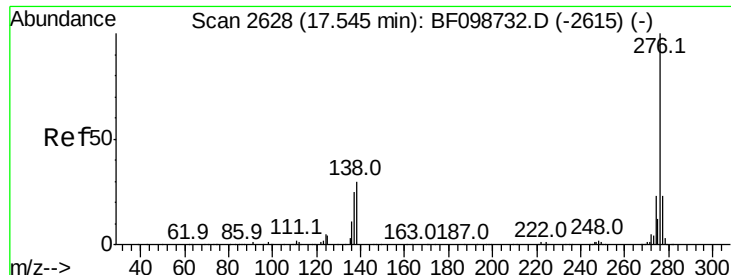
Delta R.T. -0.01 min

Lab File: BF099186.D

Acq: 7 Oct 2017 11:26

Tgt Ion:	252	Resp:	35179
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.1	25.7
125	17.3	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.404 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. -0.01 min
 Lab File: BF099186.D
 Acq: 7 Oct 2017 11:26

Instrument :
 BNA_F
 ClientSampleId :
 G72-0-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.5	17.9	26.9#
138	36.0	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:33:44 PM

