

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106792.D
 Acq On : 26 Jun 2018 00:33
 Operator : JU/SJ
 Sample : J3240-05 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-062218

Manual Integrations
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 6/27/2018 10:55:53 AM

Quant Time: Jun 26 05:05:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	45860	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	167652	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	72388	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	137336	20.00	ng	0.00
75) Chrysene-d12	14.15	240	125470	20.00	ng	-0.02
86) Perylene-d12	15.69	264	89505	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	125622	46.38	ng	0.00
7) Phenol-d6	6.60	99	155993	46.12	ng	-0.02
23) Nitrobenzene-d5	7.52	82	89312	29.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	37517	44.72	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	179939	33.06	ng	-0.01
78) Terphenyl-d14	13.08	244	204142	39.41	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	25700	4.734	ng	Qvalue # 97
70) Phenanthrene	11.52	178	29163	4.403	ng	99
74) Fluoranthene	12.71	202	95410	13.068	ng	95
77) Pyrene	12.94	202	85991	10.393	ng	98
80) Benzo(a)anthracene	14.14	228	53293	6.969	ng	99
82) Chrysene	14.17	228	42525	6.045	ng	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	21688	3.633	ng	# 92
87) Benzo(b)fluoranthene	15.23	252	49052m	8.822	ng	
88) Benzo(k)fluoranthene	15.25	252	14745m	2.785	ng	
89) Benzo(a)pyrene	15.62	252	33465	6.771	ng	97
91) Benzo(g,h,i)perylene	17.74	276	27164	6.635	ng	# 91

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

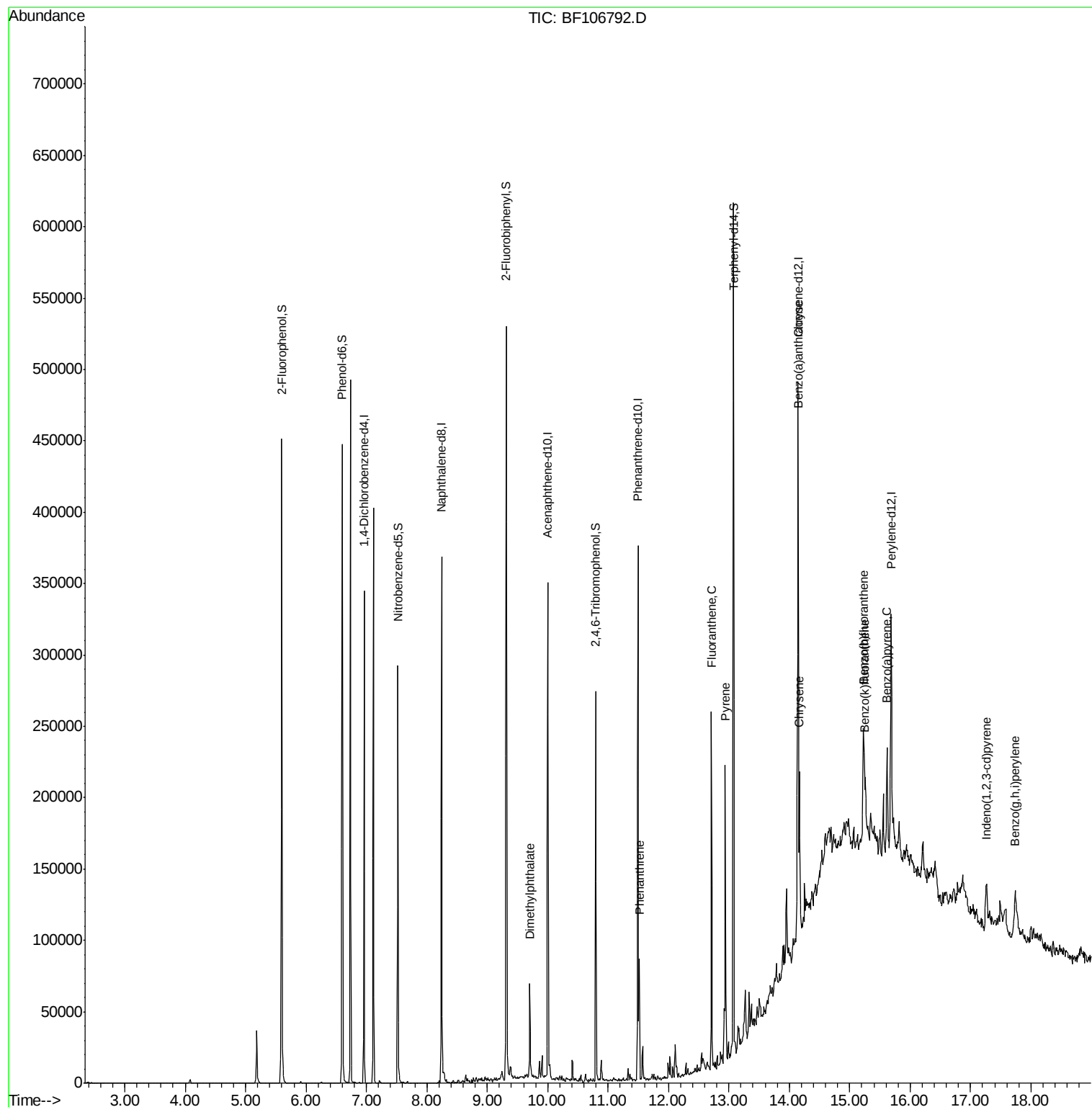
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106792.D
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ALS Vial : 22 Sample Multiplier: 1

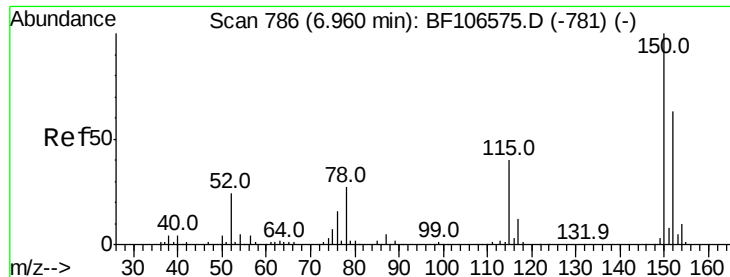
Instrument :
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ClientSampleId :
BU-02-062218

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Quant Time: Jun 26 05:05:29 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

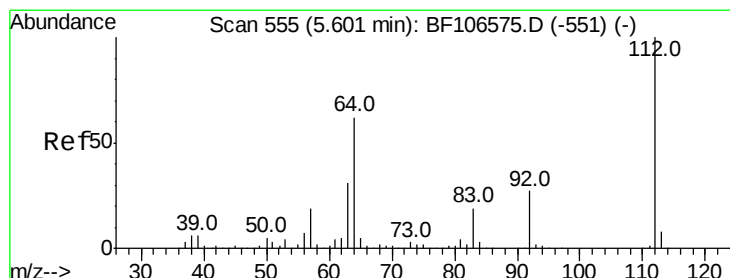
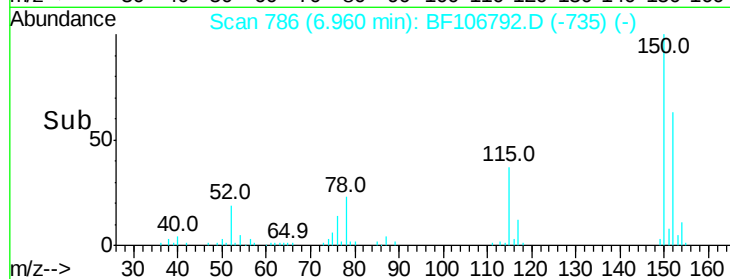
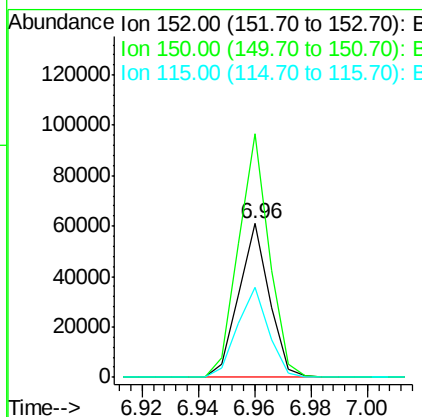
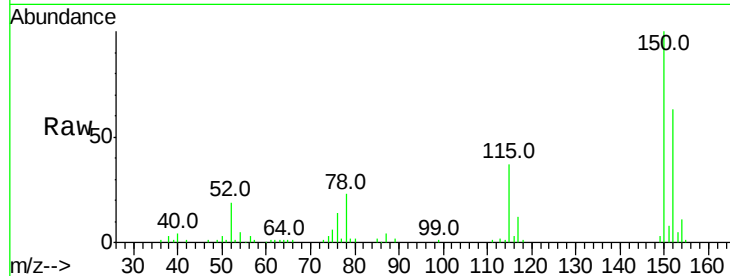
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106792.D
Acq: 26 Jun 2018 00:33

Instrument :
BNA_F
ClientSampleId :
BU-02-062218

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	58.7	50.1	75.1

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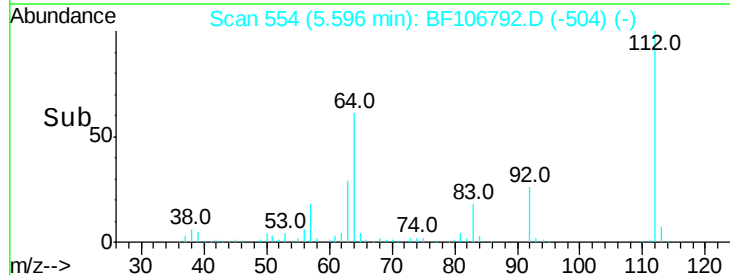
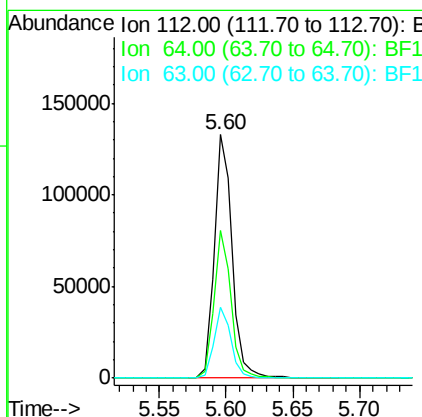
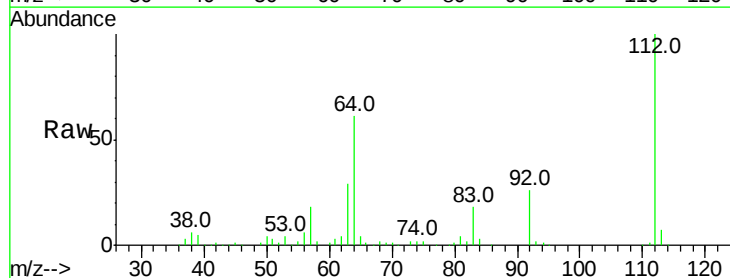
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#5

2-Fluorophenol
Concen: 46.384 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106792.D
Acq: 26 Jun 2018 00:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 46.123 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106792.D

Acq: 26 Jun 2018 00:33

Instrument :

BNA_F

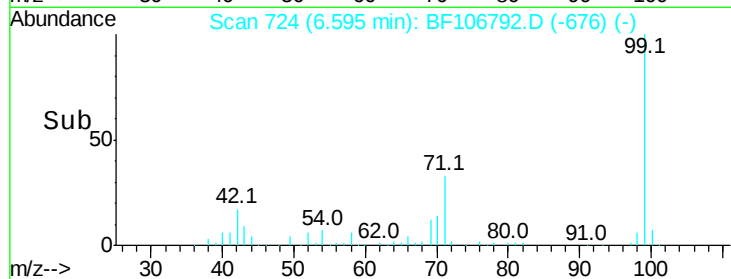
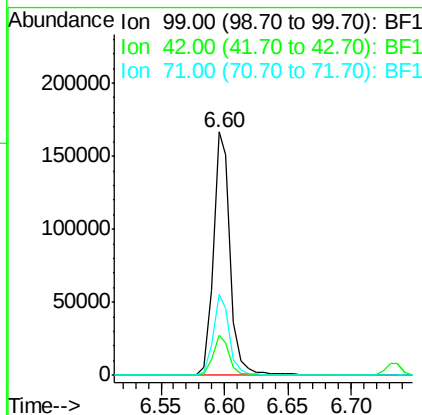
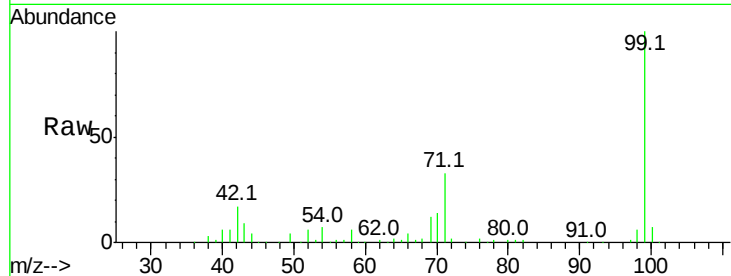
ClientSampleId :

BU-02-062218

Tot Ion:	99	Resp:	155993
Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	33.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

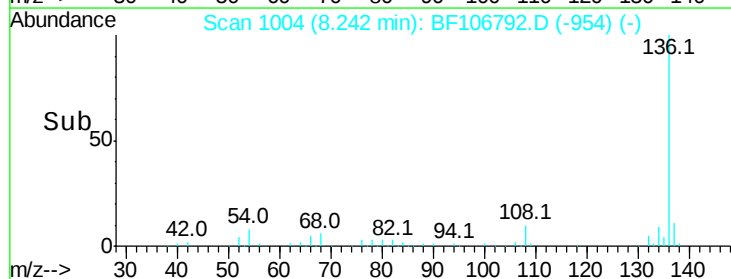
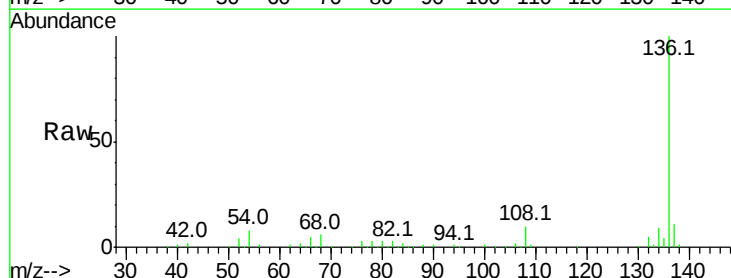
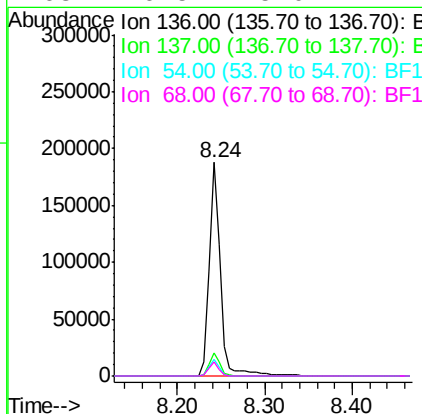
RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106792.D

Acq: 26 Jun 2018 00:33

Tgt Ion:	136	Resp:	167652
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	6.6	9.8
68	6.5	5.0	7.4





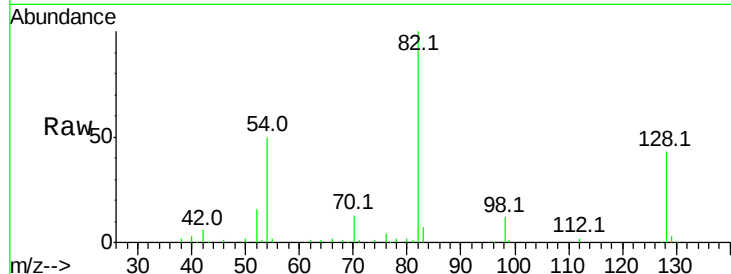
#23
 Nitrobenzene-d5
 Concen: 29.605 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106792.D
 Acq: 26 Jun 2018 00:33

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-062218

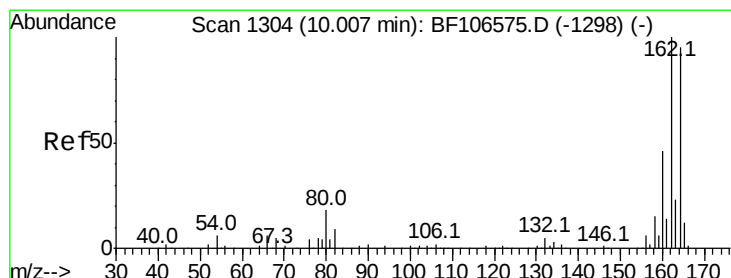
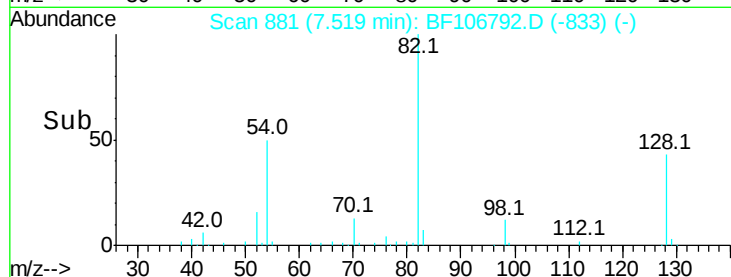
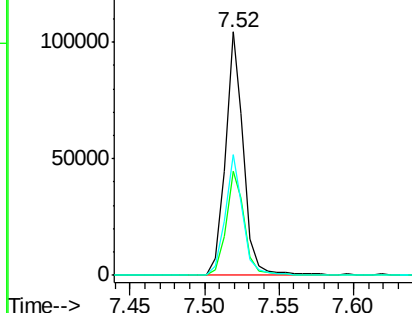
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	49.8	41.4	62.2

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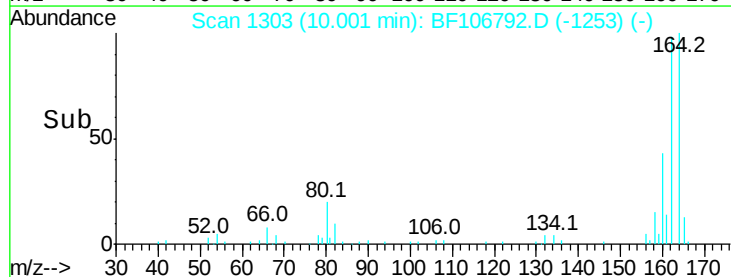
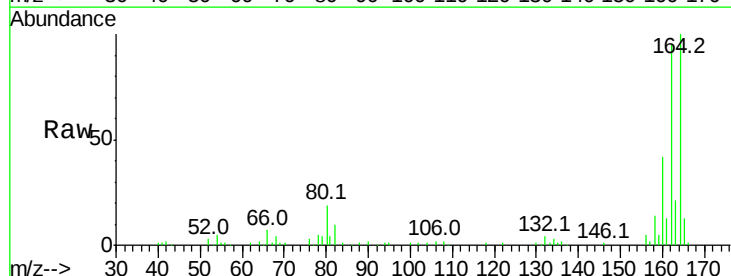
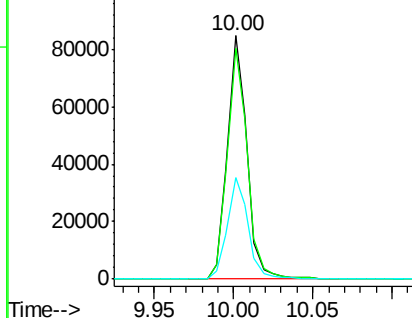
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

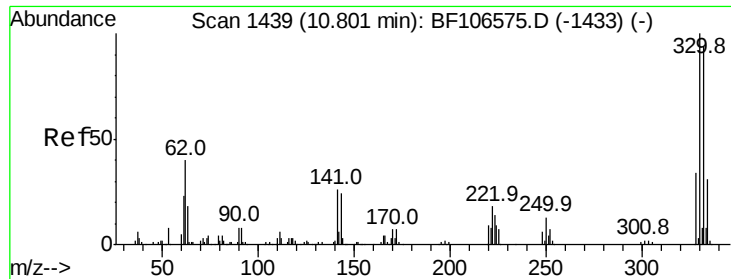


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106792.D
 Acq: 26 Jun 2018 00:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.7	86.1	129.1
160	41.6	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





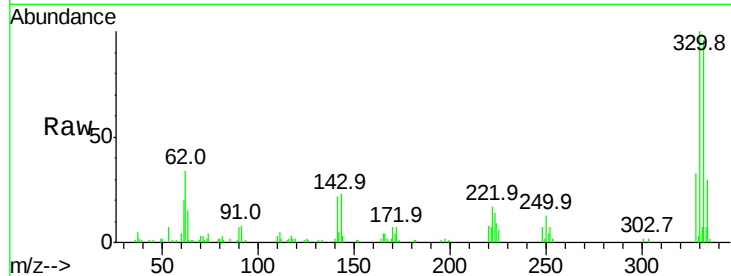
#41
 2,4,6-Tribromophenol
 Concen: 44.717 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106792.D
 Acq: 26 Jun 2018 00:33

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-062218

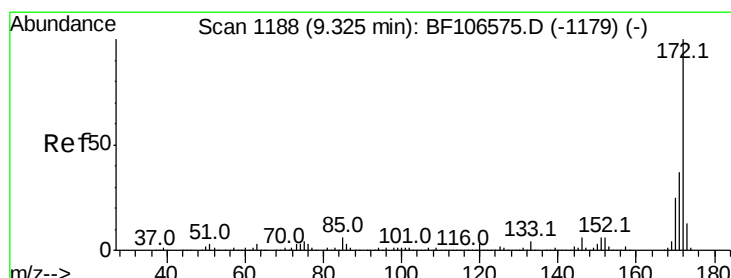
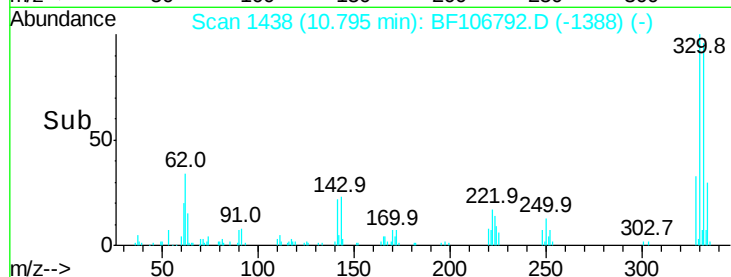
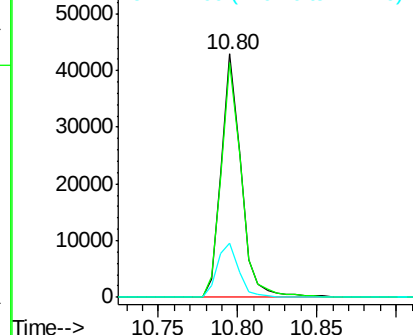
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	24.3	29.9	44.9#

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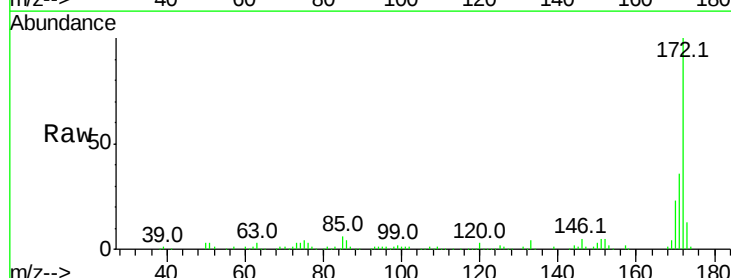


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

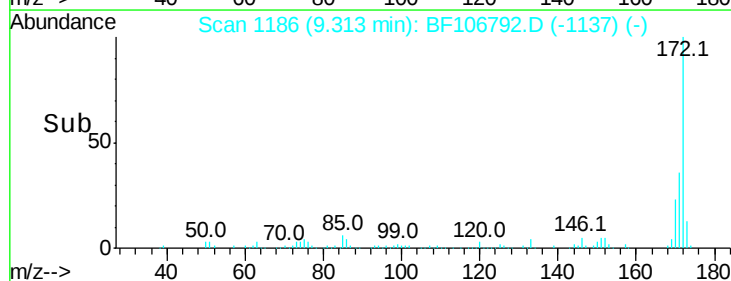
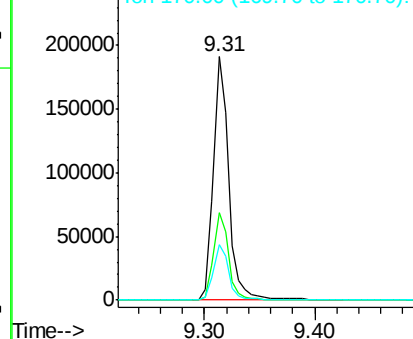


#44
 2-Fluorobiphenyl
 Concen: 33.061 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106792.D
 Acq: 26 Jun 2018 00:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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





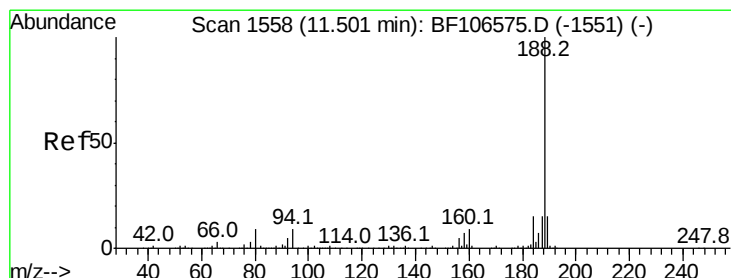
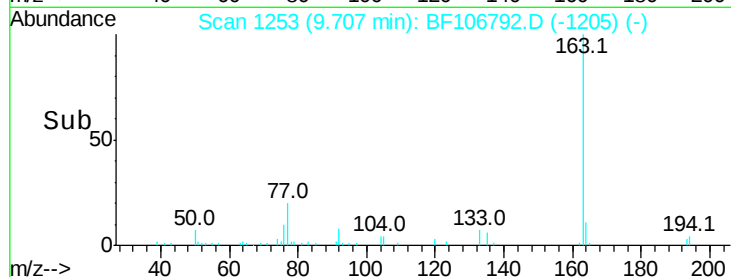
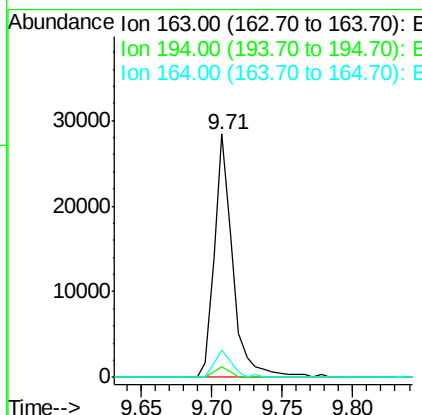
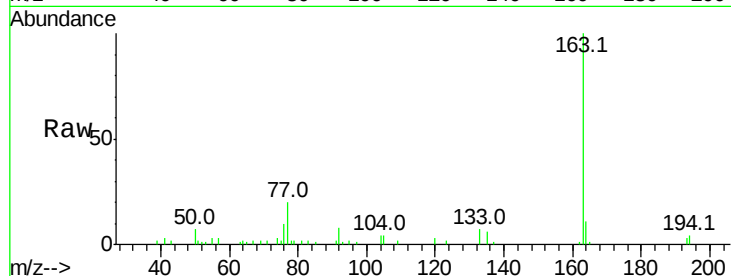
#49
Dimethylphthalate
Concen: 4.734 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106792.D
Acq: 26 Jun 2018 00:33

Instrument :
BNA_F
ClientSampleId :
BU-02-062218

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	11.2	8.2	12.2

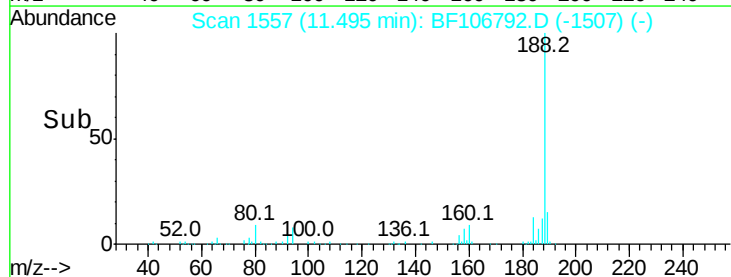
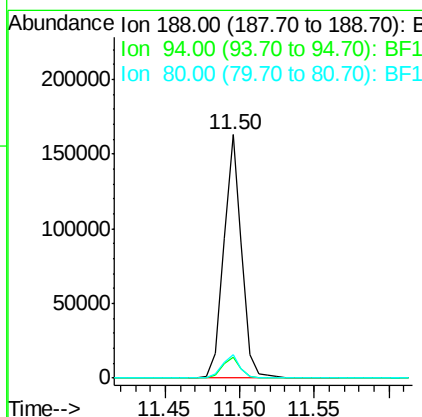
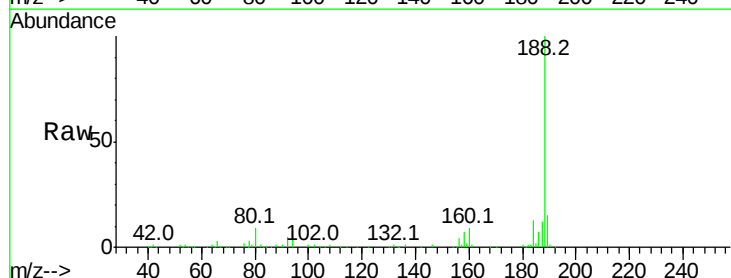
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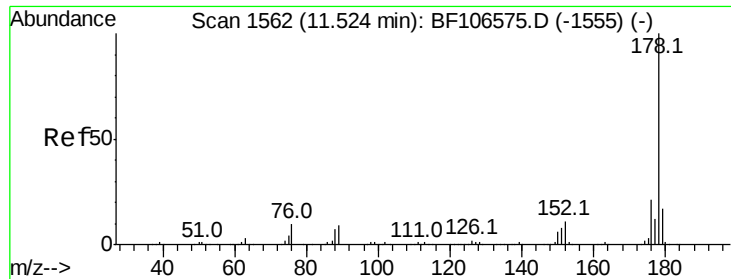
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106792.D
Acq: 26 Jun 2018 00:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.4	9.2	13.8





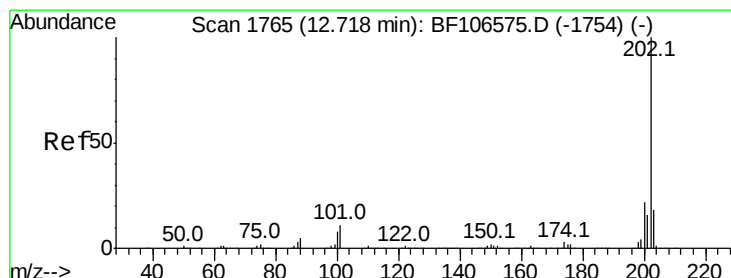
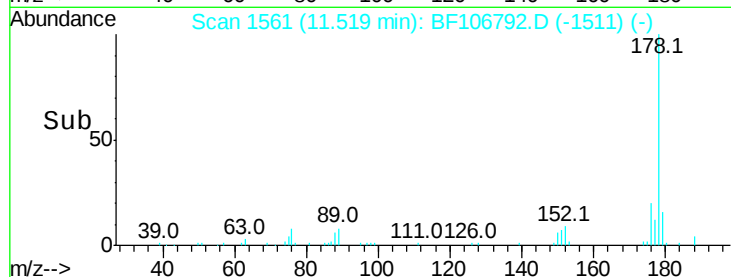
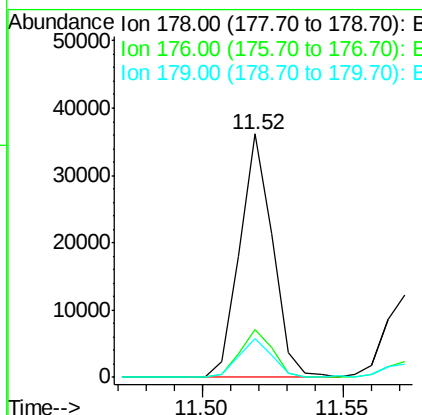
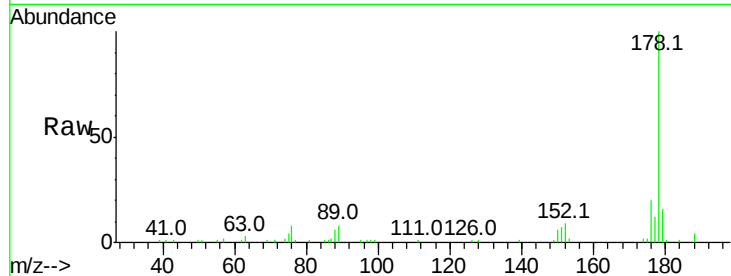
#70
Phenanthrene
Concen: 4.403 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106792.D
Acq: 26 Jun 2018 00:33

Instrument :
BNA_F
ClientSampleId :
BU-02-062218

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.7	13.0	19.6

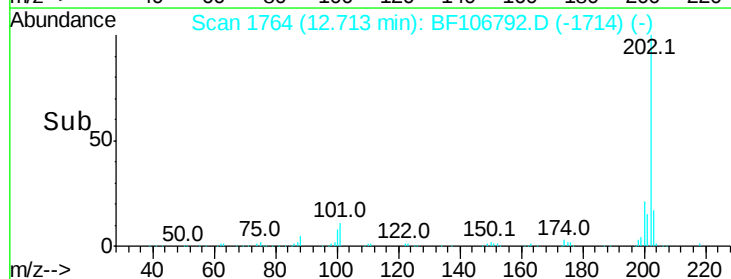
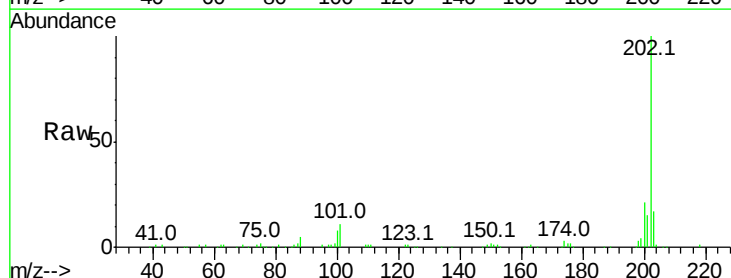
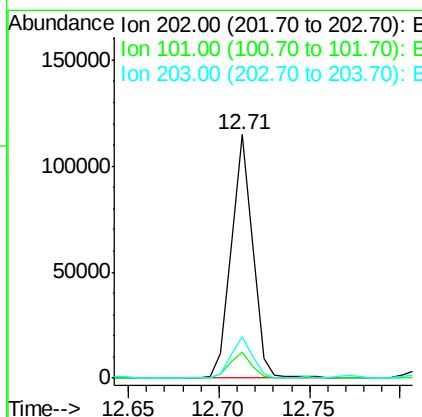
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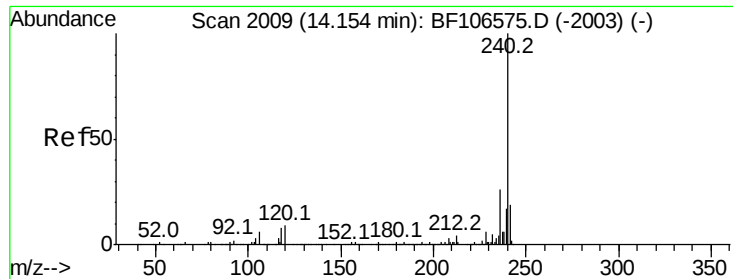
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#74
Fluoranthene
Concen: 13.068 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106792.D
Acq: 26 Jun 2018 00:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106792.D

Acq: 26 Jun 2018 00:33

Instrument :

BNA_F

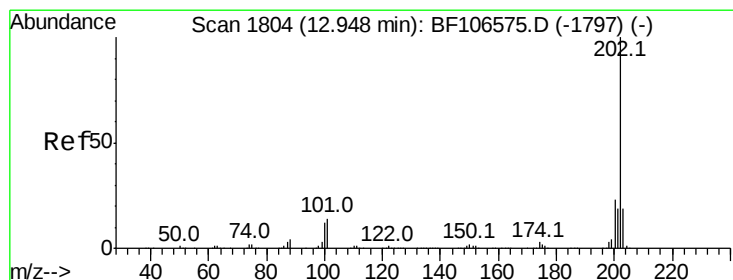
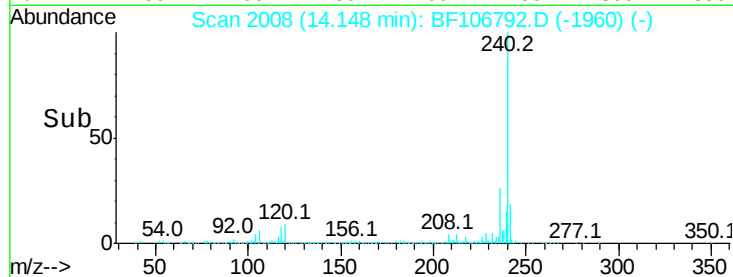
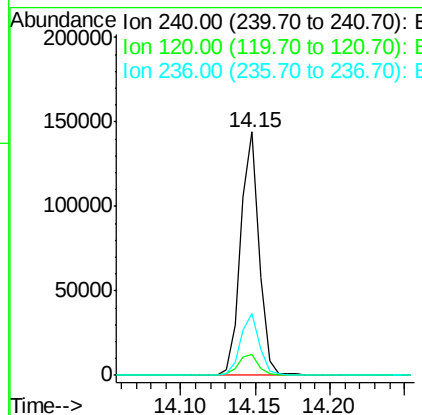
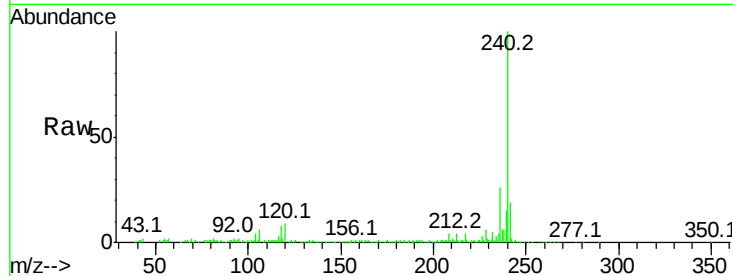
ClientSampleId :

BU-02-062218

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	25.6	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 10.393 ng

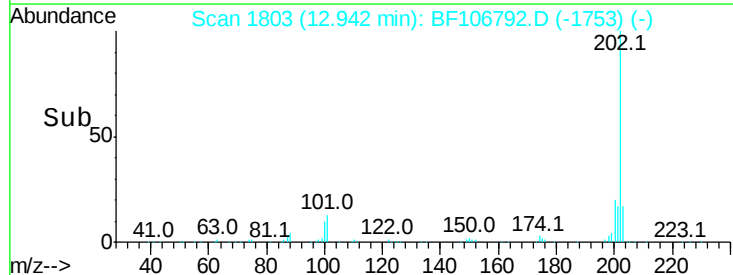
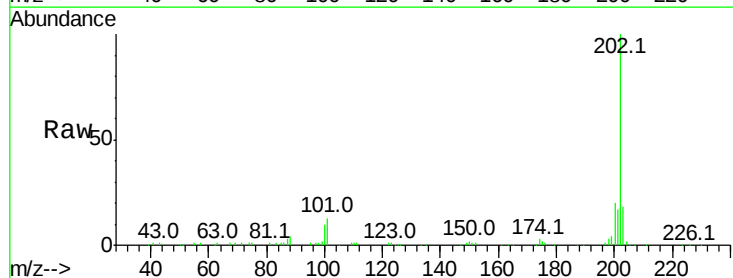
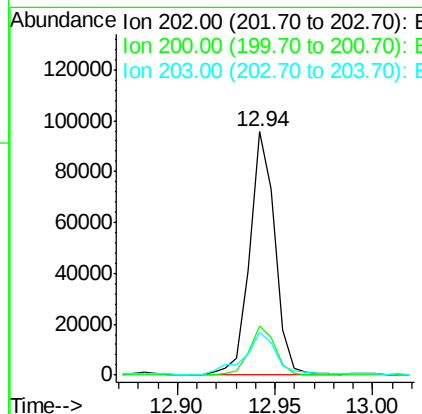
RT: 12.94 min Scan# 1803

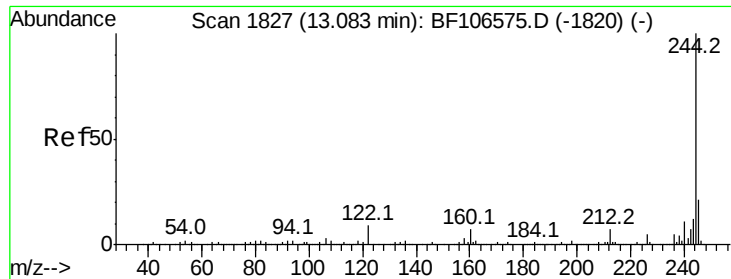
Delta R.T. -0.01 min

Lab File: BF106792.D

Acq: 26 Jun 2018 00:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.7	14.3	21.5





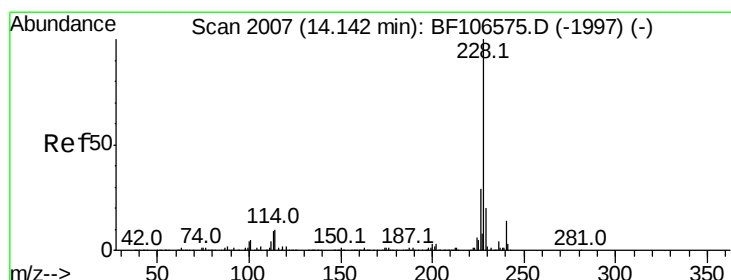
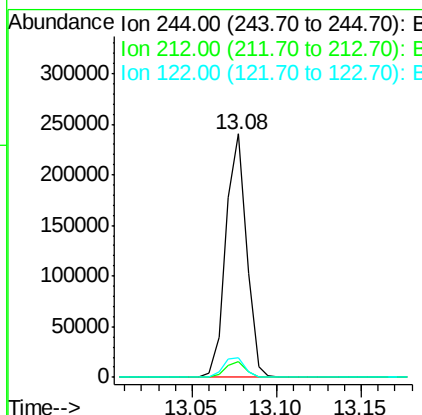
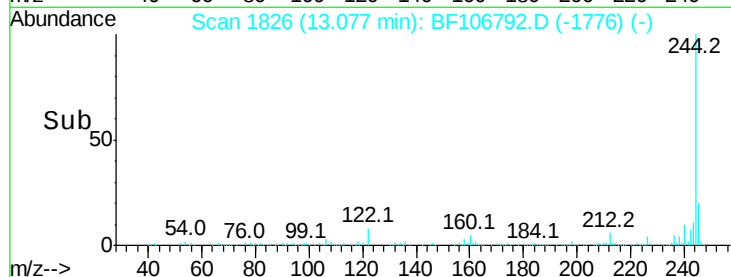
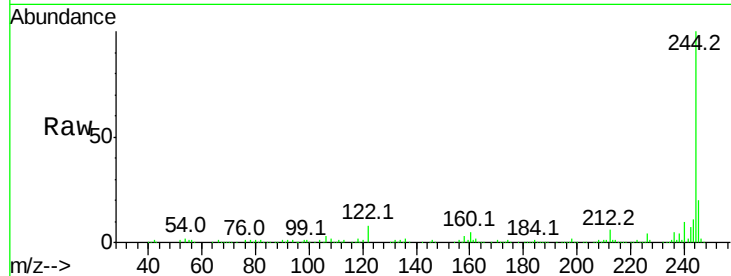
#78
 Terphenyl-d14
 Concen: 39.411 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106792.D
 Acq: 26 Jun 2018 00:33

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-062218

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.3	11.0	16.4

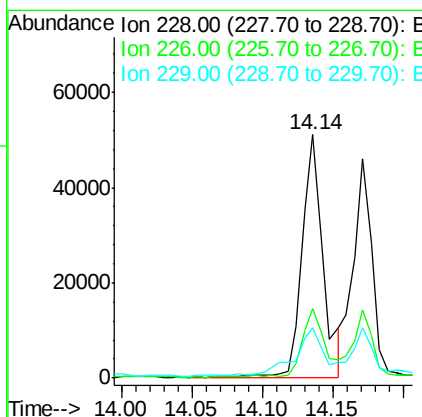
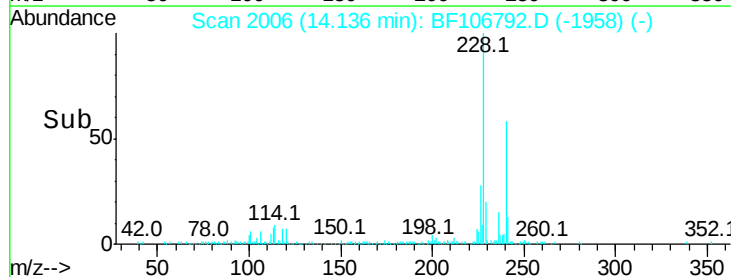
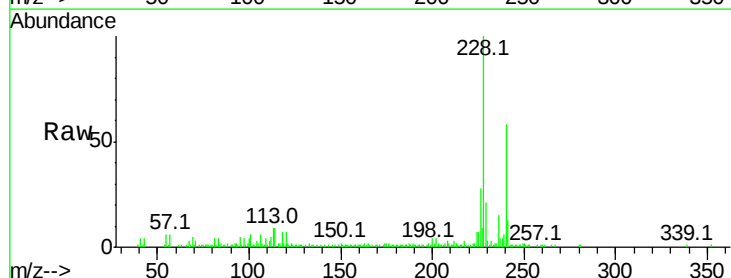
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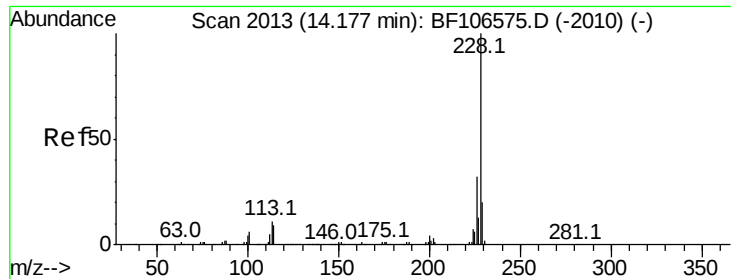
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#80
 Benzo(a)anthracene
 Concen: 6.969 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BF106792.D
 Acq: 26 Jun 2018 00:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.9	15.8	23.6





#82

Chrysene

Concen: 6.045 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF106792.D

Acq: 26 Jun 2018 00:33

Instrument :

BNA_F

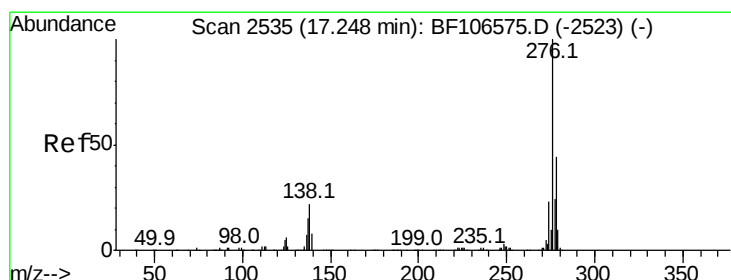
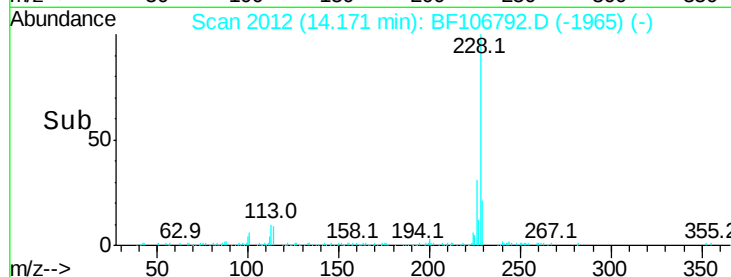
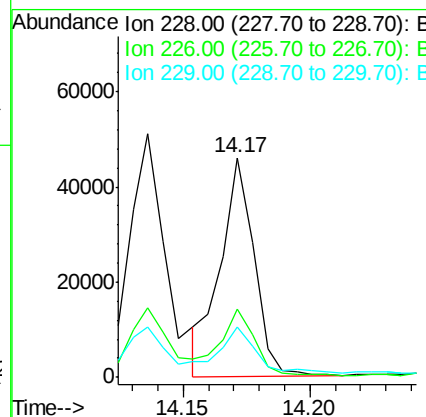
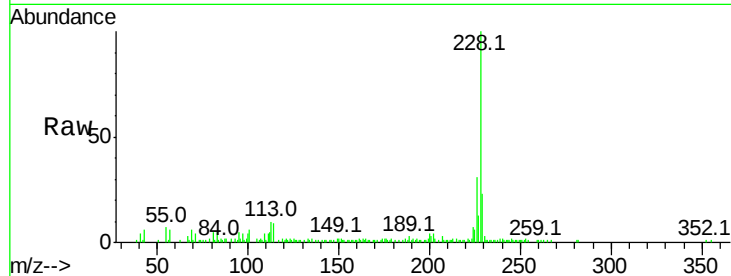
ClientSampleId :

BU-02-062218

Tot Ion:	228	Resp:	42525
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.0	37.6
229	22.6	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.633 ng

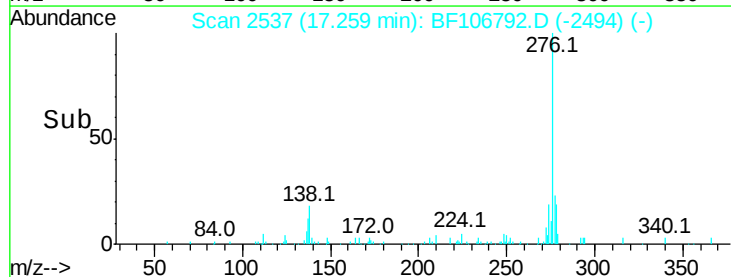
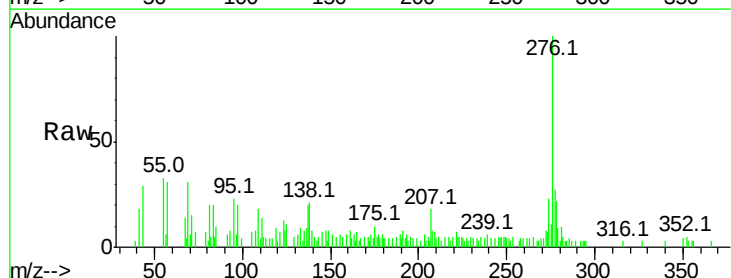
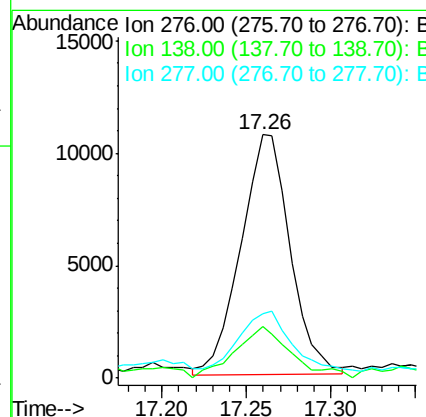
RT: 17.26 min Scan# 2537

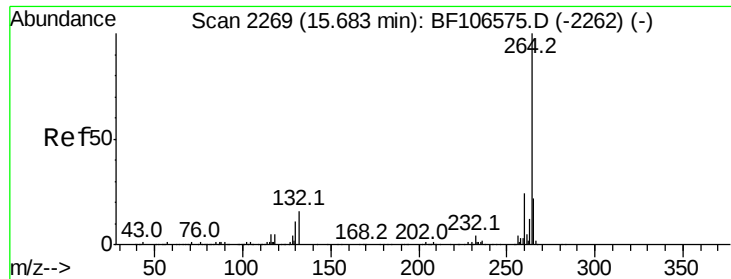
Delta R.T. -0.05 min

Lab File: BF106792.D

Acq: 26 Jun 2018 00:33

Tgt Ion:	276	Resp:	21688
Ion Ratio	Lower	Upper	
276	100		
138	24.6	25.0	37.6#
277	26.3	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.03 min

Lab File: BF106792.D

Acq: 26 Jun 2018 00:33

Instrument :

BNA_F

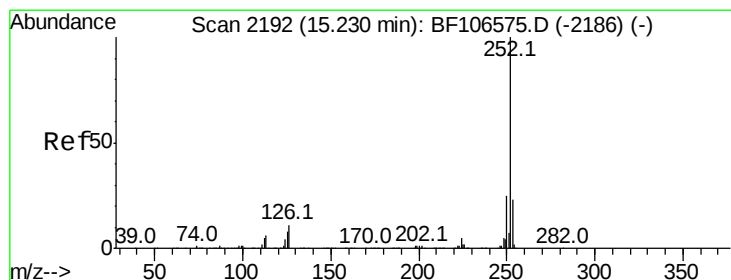
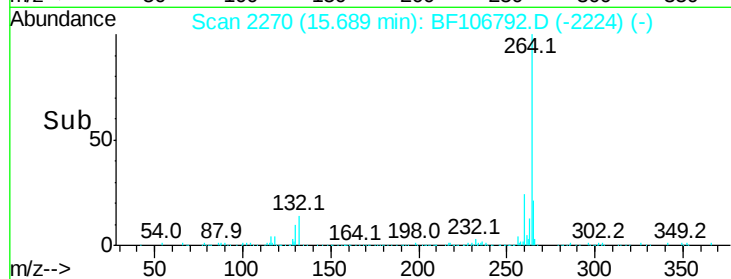
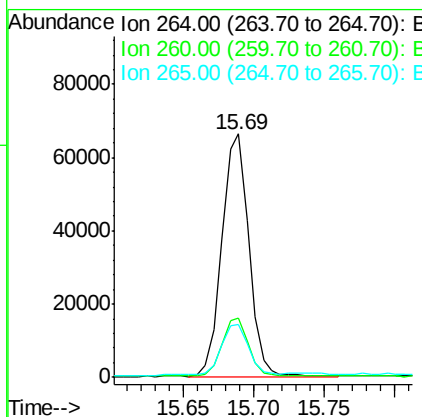
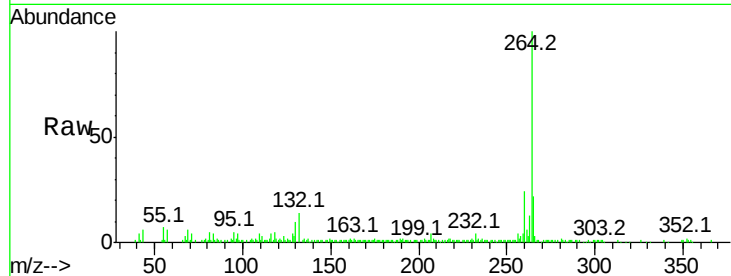
ClientSampleId :

BU-02-062218

Tot Ion:	264	Resp:	89505
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	21.8	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 8.822 ng m

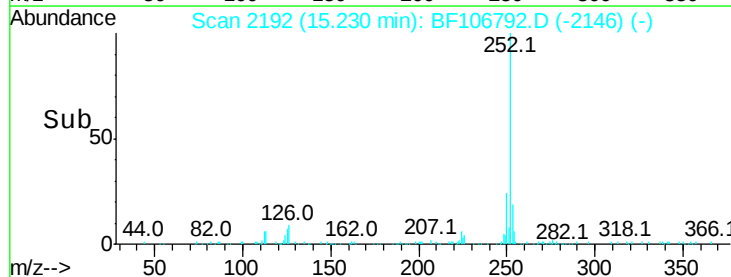
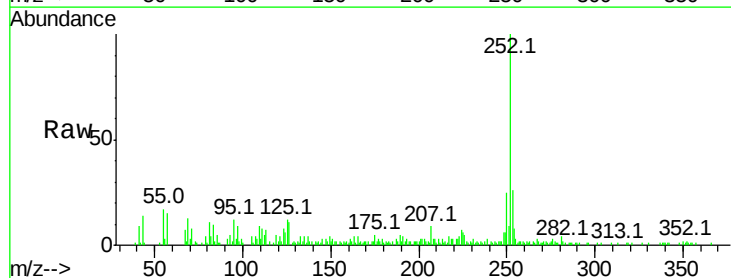
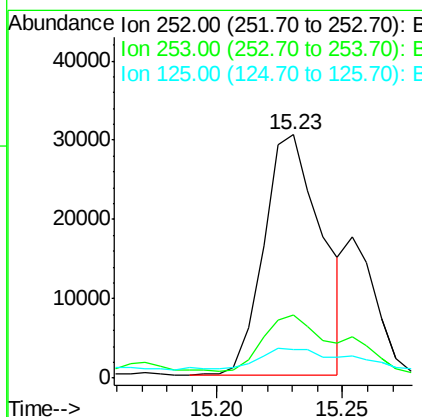
RT: 15.23 min Scan# 2192

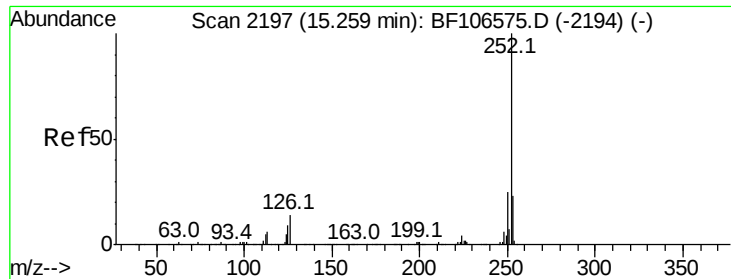
Delta R.T. -0.03 min

Lab File: BF106792.D

Acq: 26 Jun 2018 00:33

Tgt Ion:	252	Resp:	49052
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.0	25.6#
125	11.9	9.0	13.6





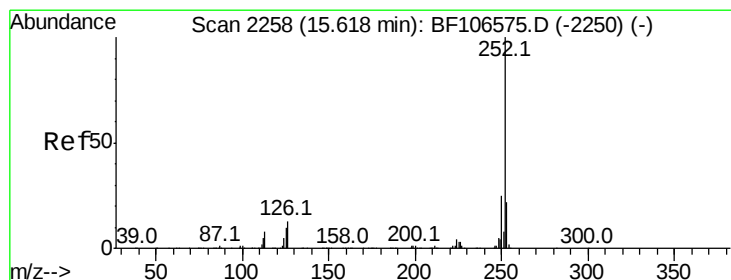
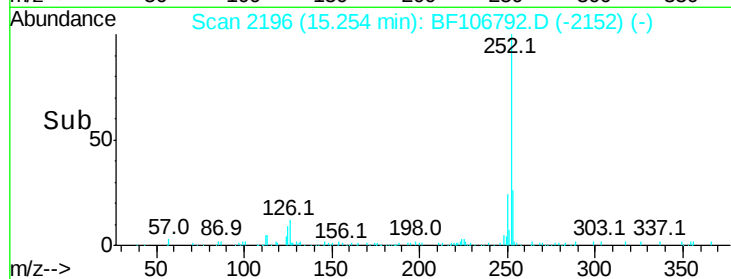
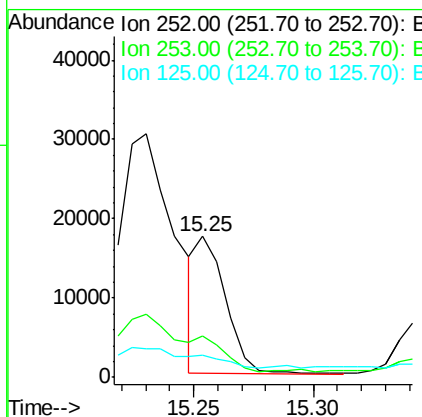
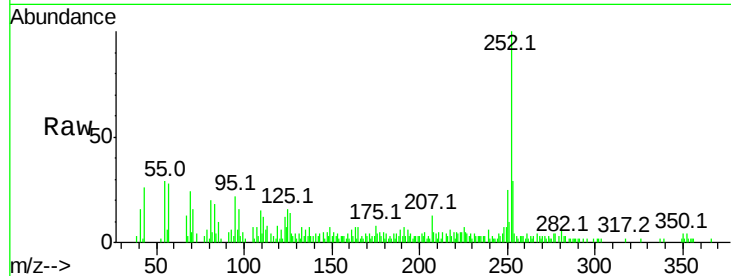
#88
Benzo(k)fluoranthene
Concen: 2.785 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF106792.D
Acq: 26 Jun 2018 00:33

Instrument :
BNA_F
ClientSampleId :
BU-02-062218

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.9	26.9#
125	16.0	10.2	15.2#

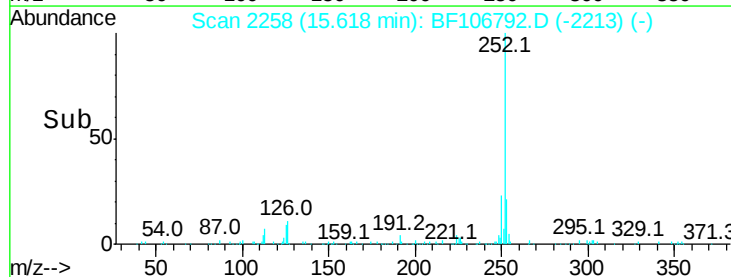
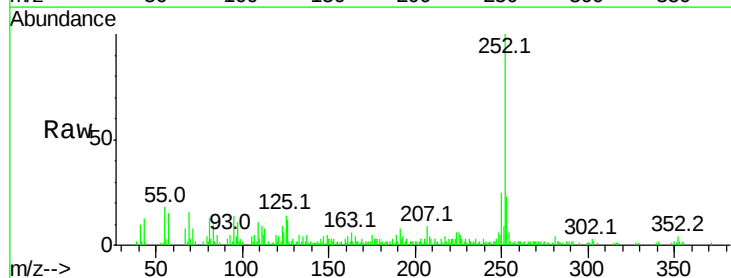
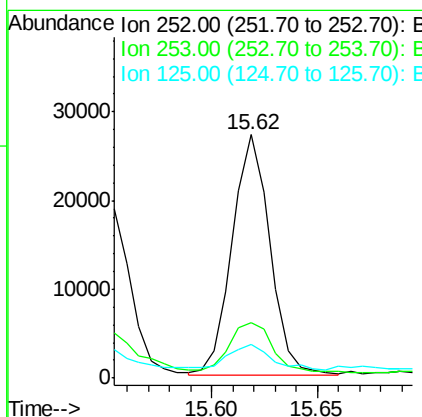
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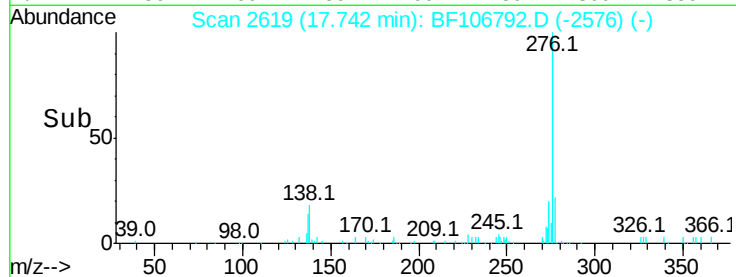
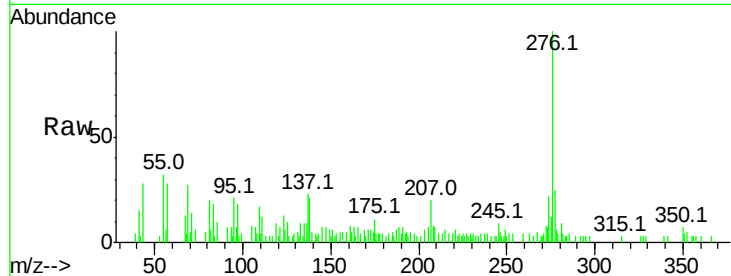
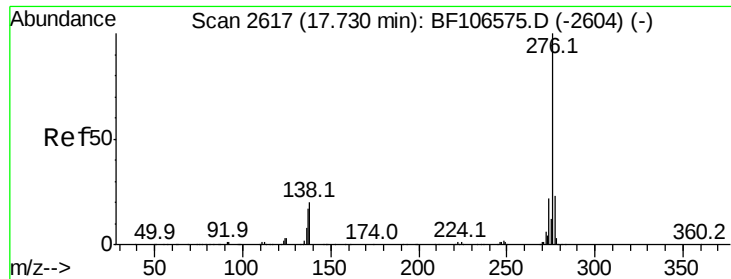
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#89
Benzo(a)pyrene
Concen: 6.771 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF106792.D
Acq: 26 Jun 2018 00:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	13.6	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 6.635 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. -0.05 min
 Lab File: BF106792.D
 Acq: 26 Jun 2018 00:33

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-062218

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	21.1	21.8	32.8#

Manual Integrations
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