

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106660.D
 Acq On : 21 Jun 2018 14:32
 Operator : JU/SJ
 Sample : J3584-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Manual Integrations
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Sohil
 6/22/2018 10:22:59 AM

Quant Time: Jun 21 15:18:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	95690	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	369410	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	184408	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	314496	20.00	ng	0.00
75) Chrysene-d12	14.15	240	264552	20.00	ng	0.00
86) Perylene-d12	15.69	264	205984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	493530	87.33	ng	0.00
7) Phenol-d6	6.61	99	635147	90.00	ng	0.00
23) Nitrobenzene-d5	7.52	82	422530	63.56	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	189869	88.83	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	743925	64.77	ng	0.00
78) Terphenyl-d14	13.08	244	749781	68.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	101298	7.324	ng	Qvalue # 98
70) Phenanthrene	11.52	178	69328	4.570	ng	98
74) Fluoranthene	12.71	202	142902	8.547	ng	94
77) Pyrene	12.94	202	130985	7.508	ng	99
80) Benzo(a)anthracene	14.14	228	69148	4.289	ng	98
82) Chrysene	14.17	228	61107	4.119	ng	97
85) Indeno(1,2,3-cd)pyrene	17.25	276	28029	2.227	ng	# 86
87) Benzo(b)fluoranthene	15.23	252	72638m	5.677	ng	
88) Benzo(k)fluoranthene	15.26	252	25234m	2.071	ng	
89) Benzo(a)pyrene	15.62	252	45309	3.983	ng	95
91) Benzo(g,h,i)perylene	17.72	276	27373	2.905	ng	# 91

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

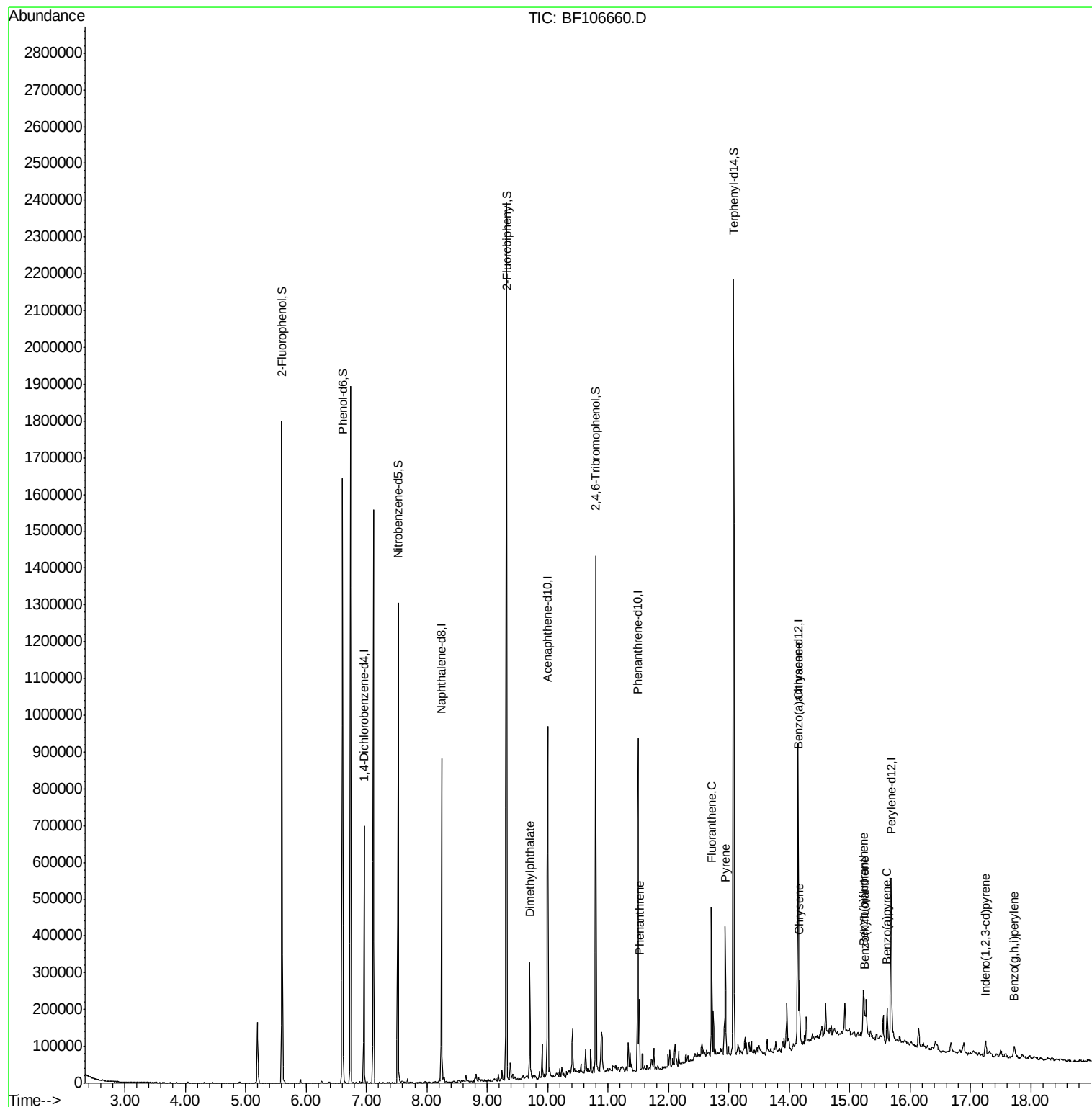
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106660.D
Acq On : 21 Jun 2018 14:32
Operator : JU/SJ
Sample : J3584-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Quant Time: Jun 21 15:18:23 2018
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#1

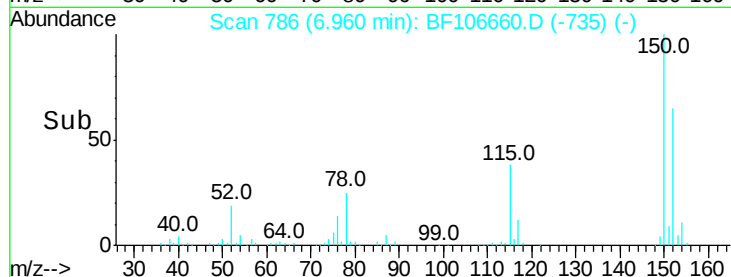
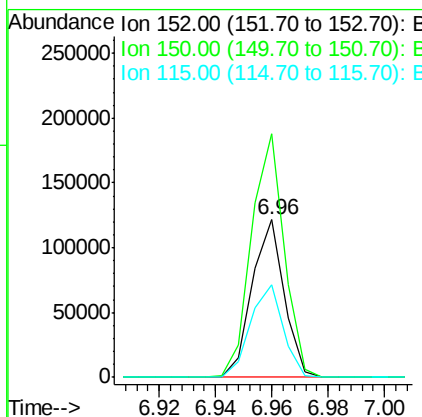
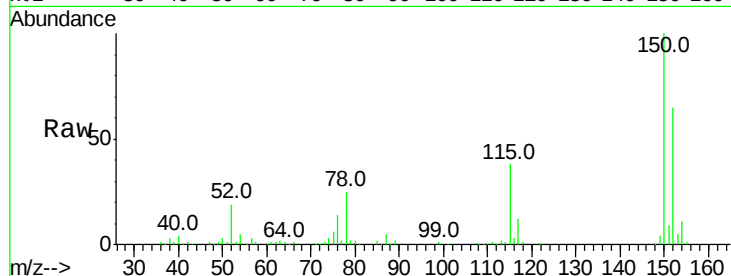
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106660.D
Acq: 21 Jun 2018 14:32

Instrument :
BNA_F
ClientSampled :
TP-2-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	59.1	50.1	75.1

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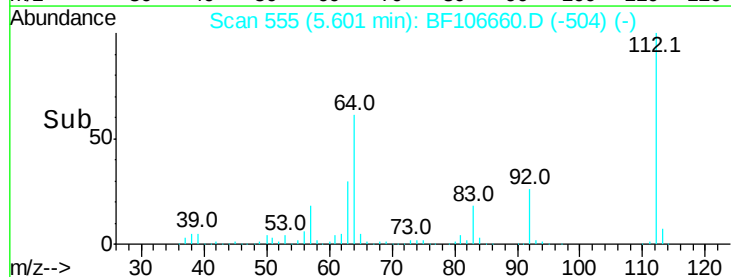
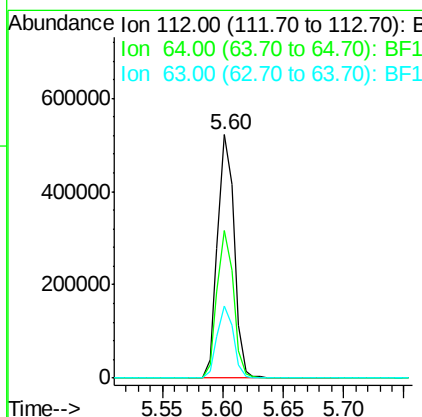
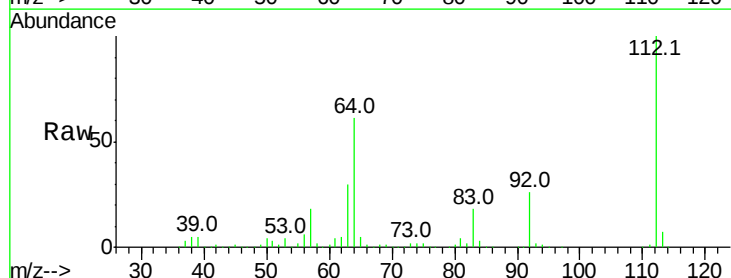
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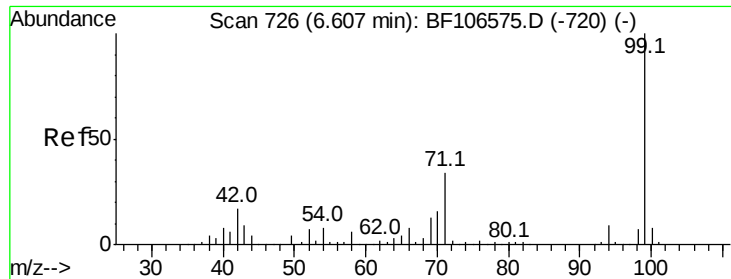


#5

2-Fluorophenol
Concen: 87.334 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106660.D
Acq: 21 Jun 2018 14:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	29.8	23.7	35.5





#7

Phenol-d6

Concen: 90.002 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106660.D

Acq: 21 Jun 2018 14:32

Instrument :

BNA_F

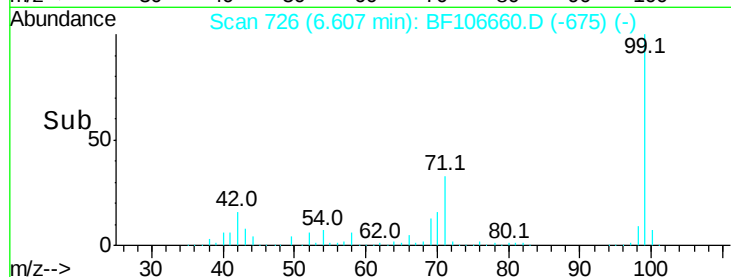
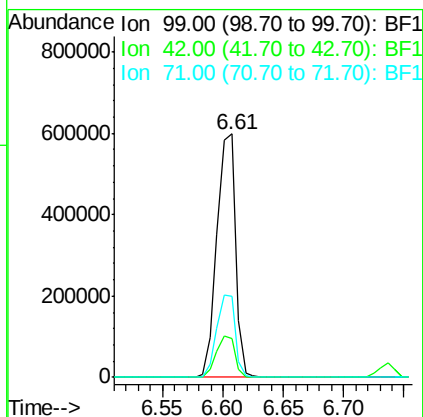
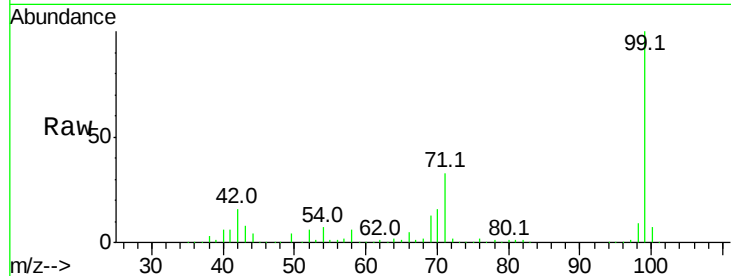
ClientSampleId :

TP-2-S

Tot Ion:	99	Resp:	635147
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.5	21.7
71	33.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

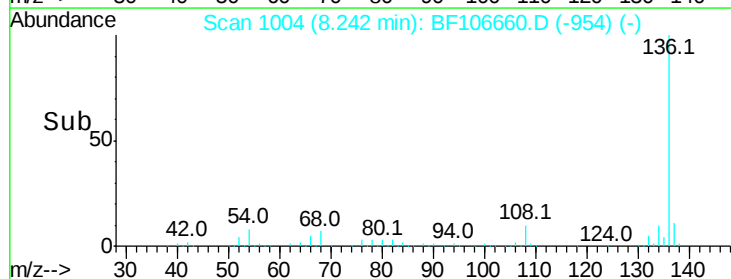
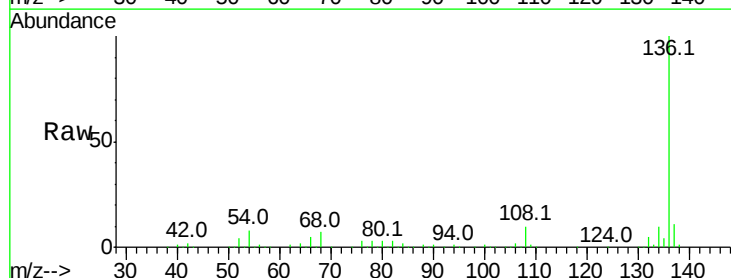
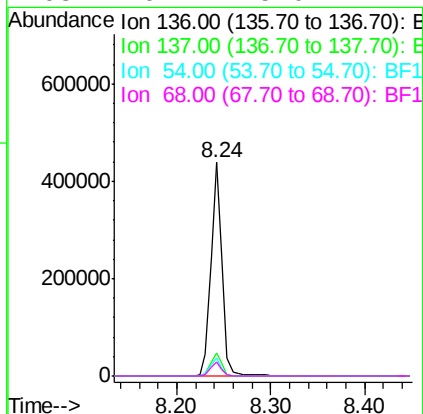
RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106660.D

Acq: 21 Jun 2018 14:32

Tgt Ion:	136	Resp:	369410
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.3	6.6	9.8
68	6.7	5.0	7.4





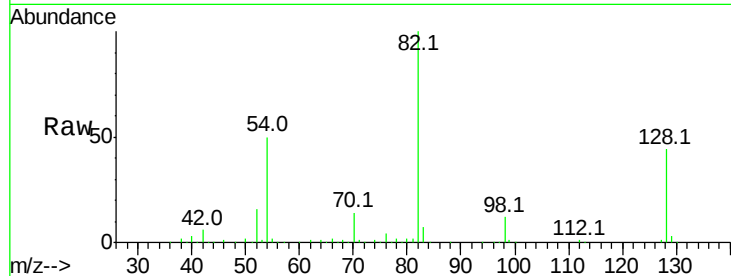
#23
Nitrobenzene-d5
Concen: 63.565 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106660.D
Acq: 21 Jun 2018 14:32

Instrument :
BNA_F
ClientSampleId :
TP-2-S

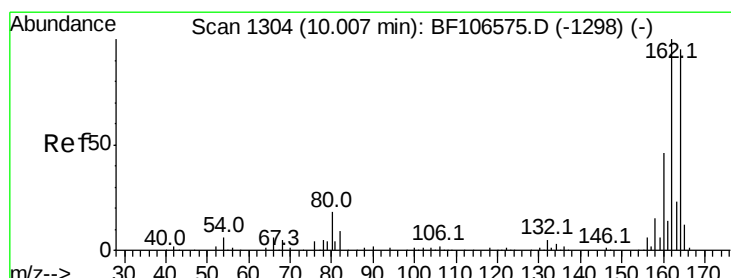
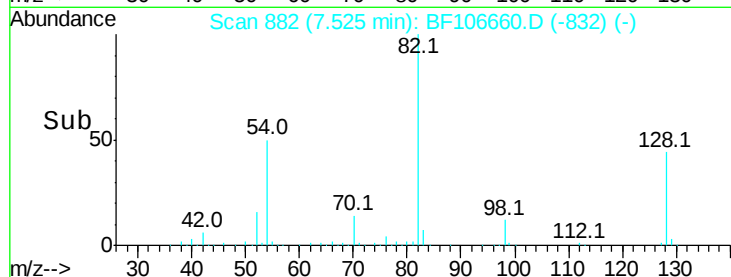
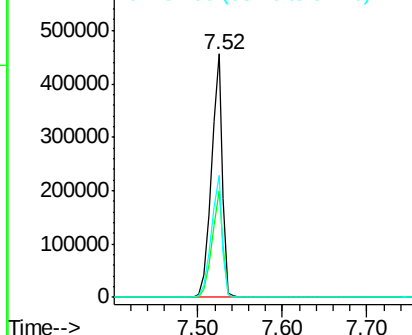
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	49.9	41.4	62.2

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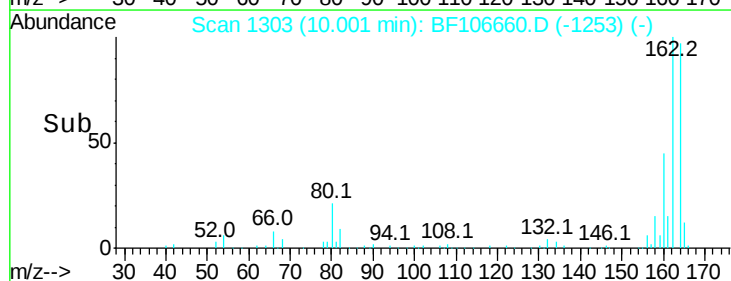
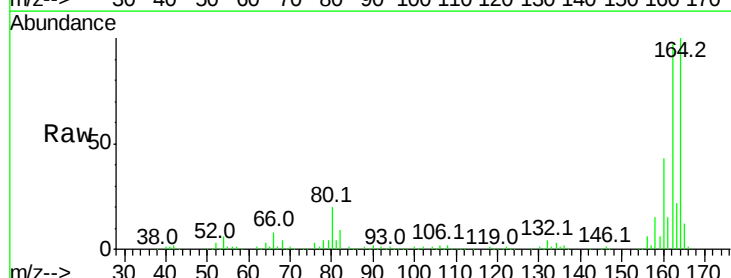
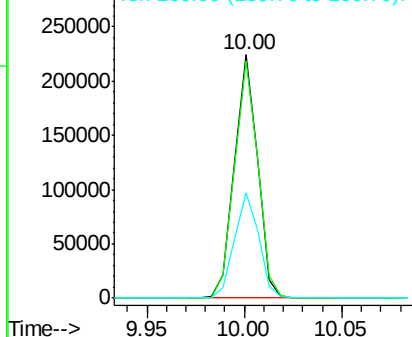
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106660.D
Acq: 21 Jun 2018 14:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.2	86.1	129.1
160	43.3	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





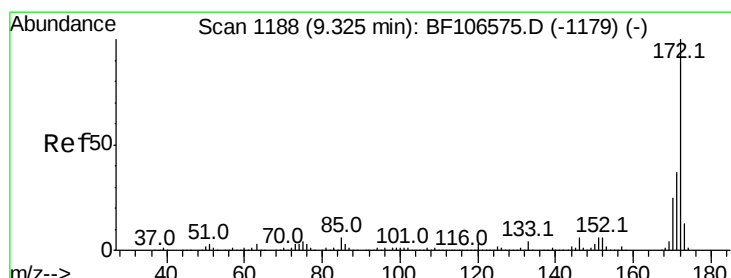
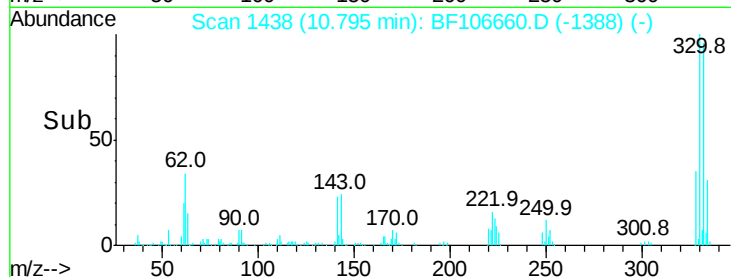
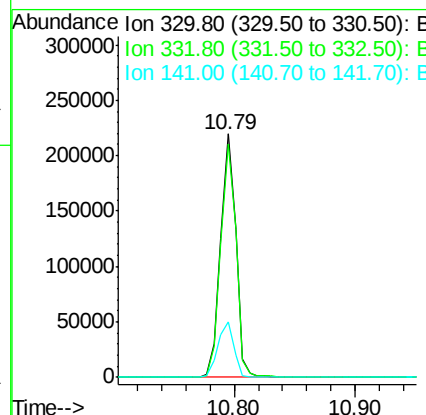
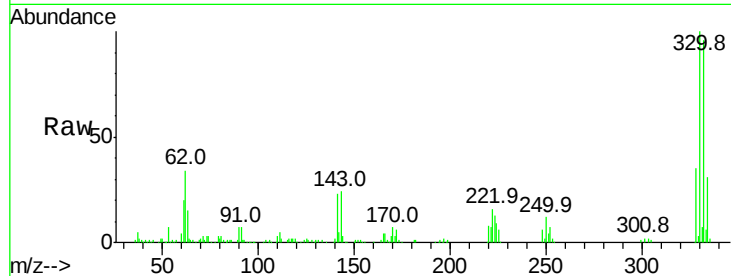
#41
 2,4,6-Tribromophenol
 Concen: 88.834 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106660.D
 Acq: 21 Jun 2018 14:32

Instrument :
 BNA_F
 ClientSampled :
 TP-2-S

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.0	115.6	
141	24.4	29.9	44.9	

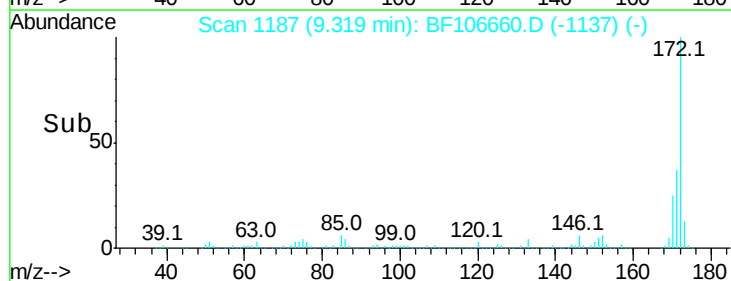
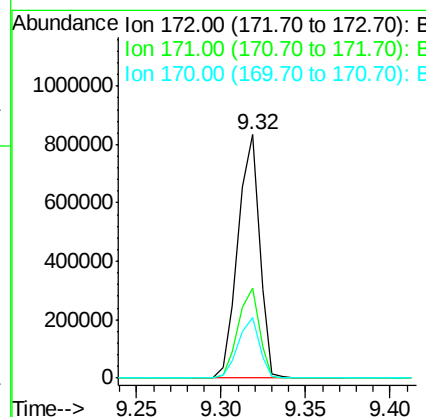
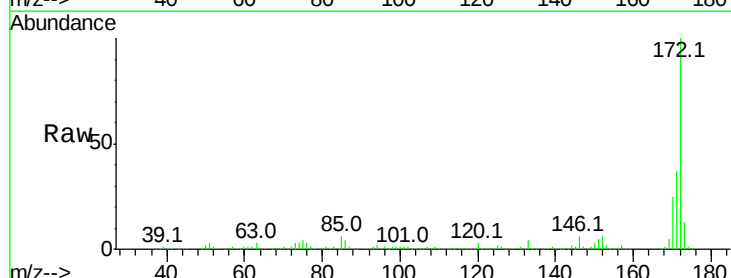
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#44
 2-Fluorobiphenyl
 Concen: 64.772 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106660.D
 Acq: 21 Jun 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.1	29.7	44.5	
170	24.8	19.6	29.4	





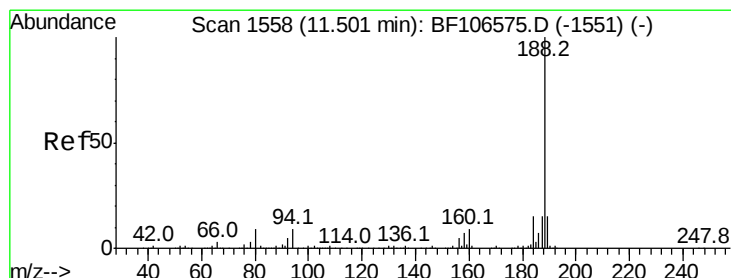
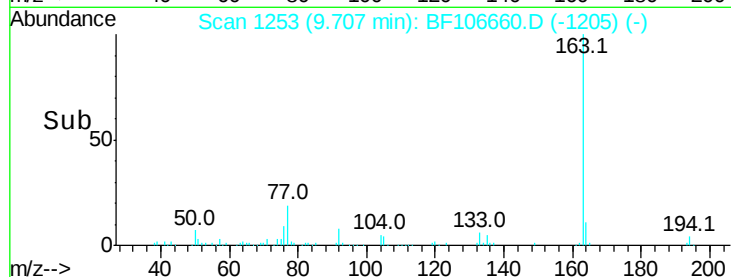
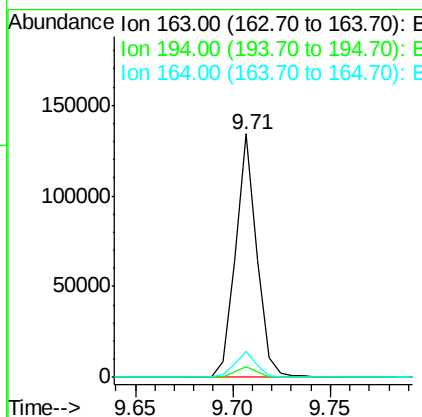
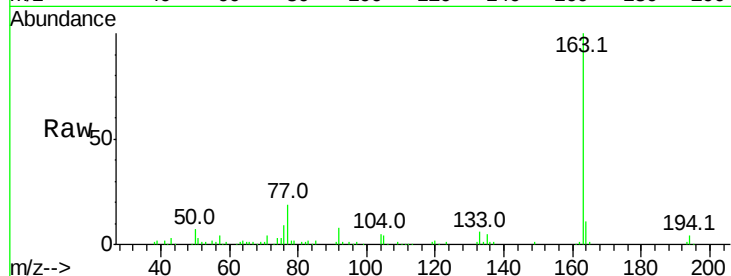
#49
Dimethylphthalate
Concen: 7.324 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106660.D
Acq: 21 Jun 2018 14:32

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	2.7	4.1#	
164	10.9	8.2	12.2	

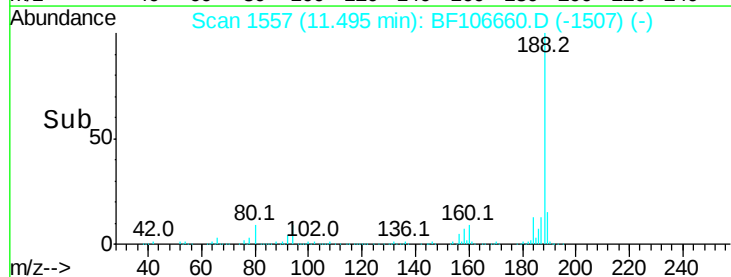
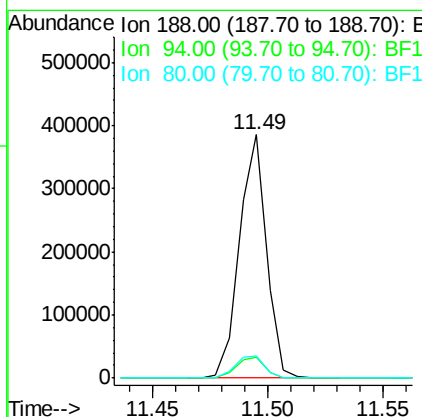
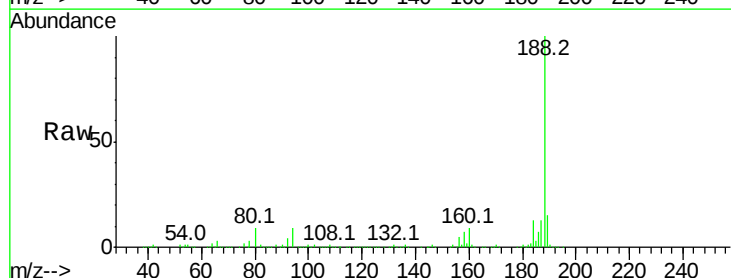
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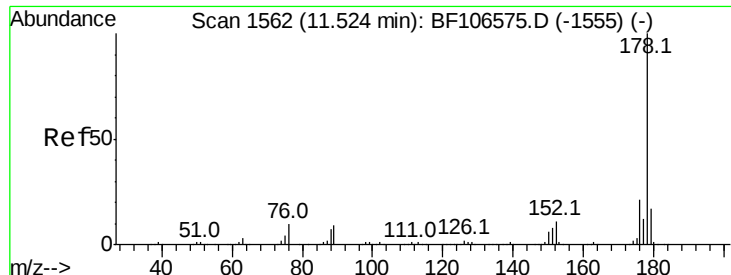
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106660.D
Acq: 21 Jun 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.6	8.5	12.7	
80	9.0	9.2	13.8#	





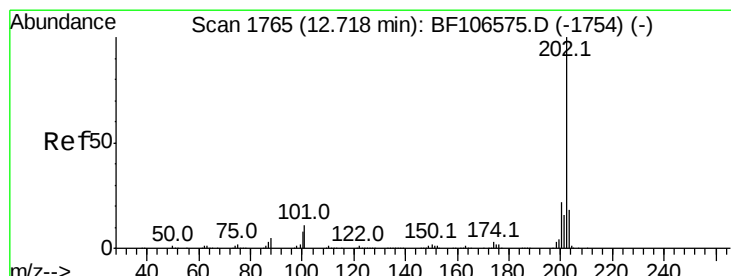
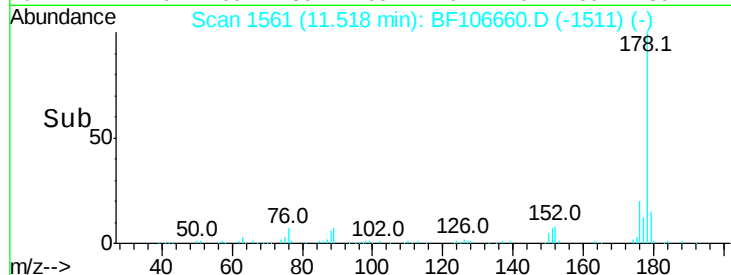
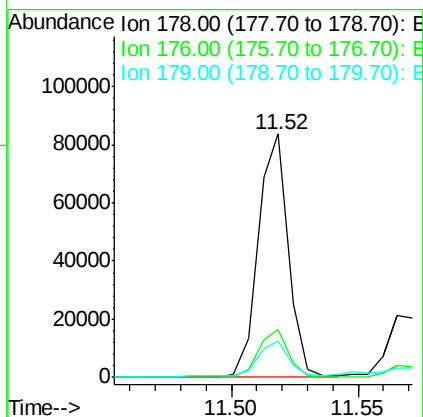
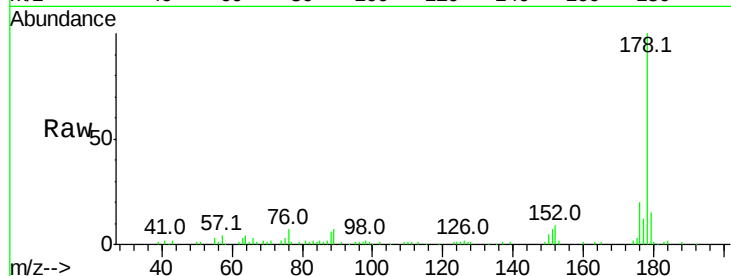
#70
Phenanthrene
Concen: 4.570 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106660.D
Acq: 21 Jun 2018 14:32

Instrument :
BNA_F
ClientSampled :
TP-2-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.2	13.0	19.6

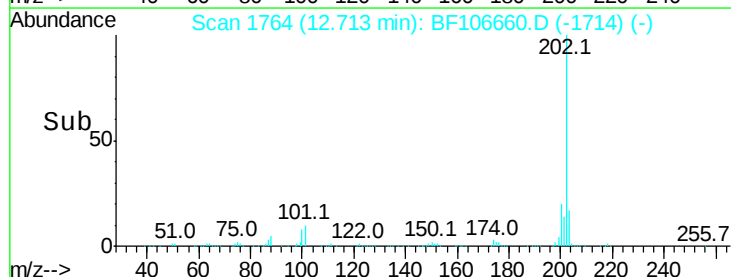
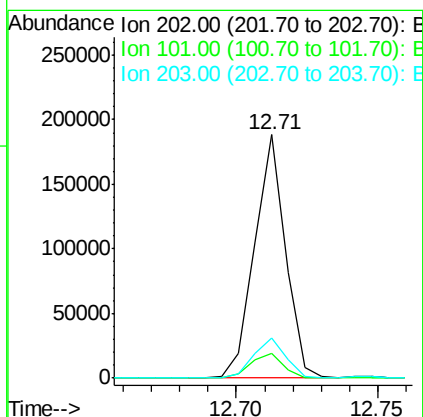
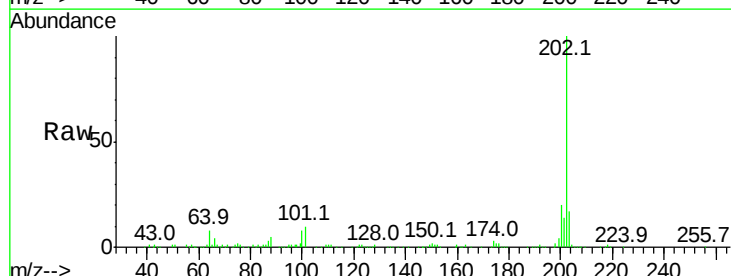
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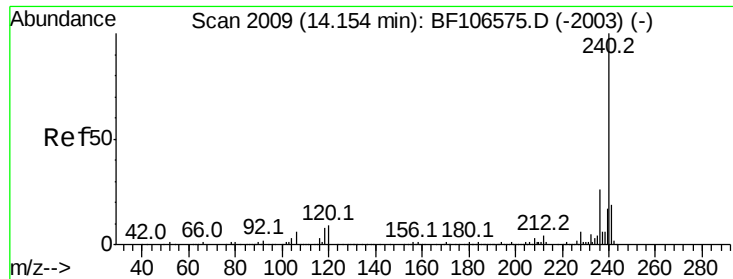
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#74
Fluoranthene
Concen: 8.547 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106660.D
Acq: 21 Jun 2018 14:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	34.1
203	16.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106660.D

Acq: 21 Jun 2018 14:32

Instrument :

BNA_F

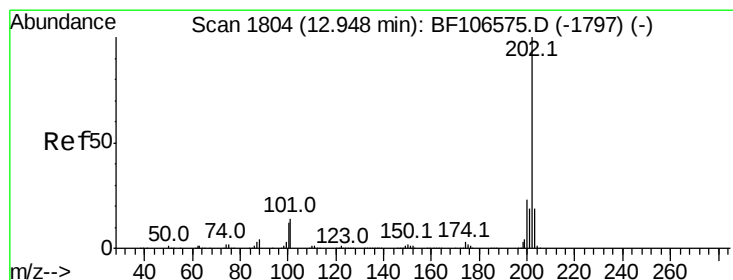
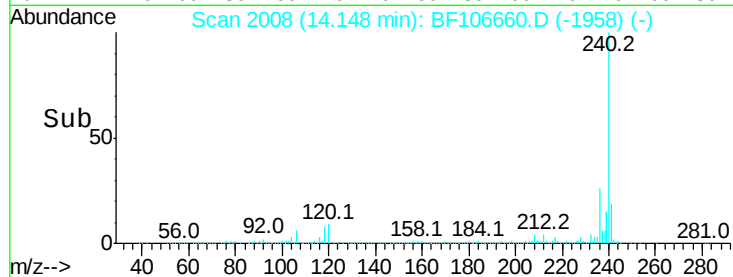
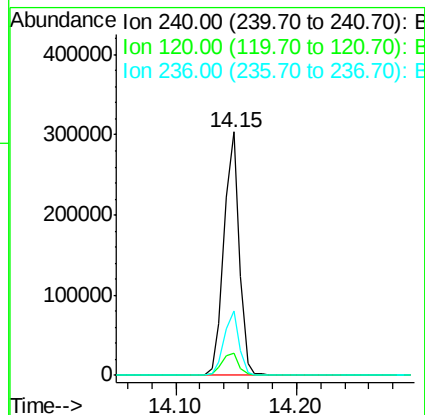
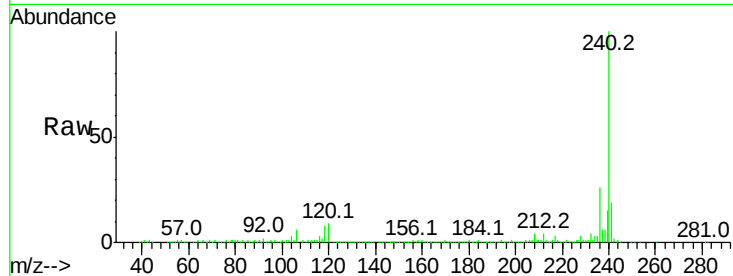
ClientSampleId :

TP-2-S

Tot Ion	Ratio	Resp	Lower	Upper
240	100	264552		
120	9.1	9.5	14.3#	
236	26.3	20.7	31.1	

Manual Integrations
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#77

Pyrene

Concen: 7.508 ng

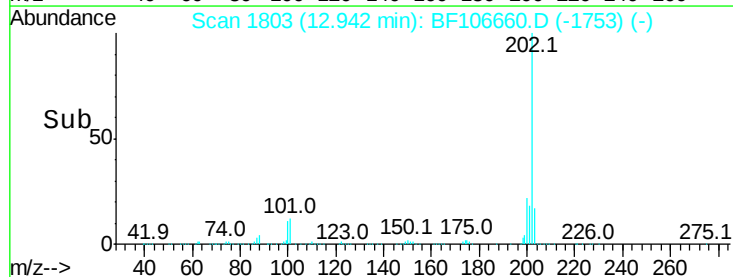
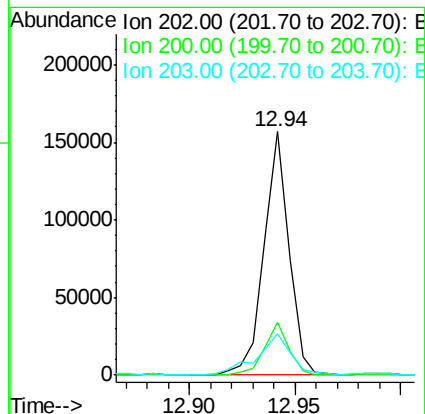
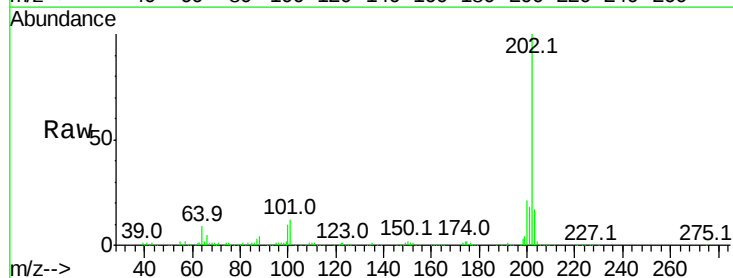
RT: 12.94 min Scan# 1803

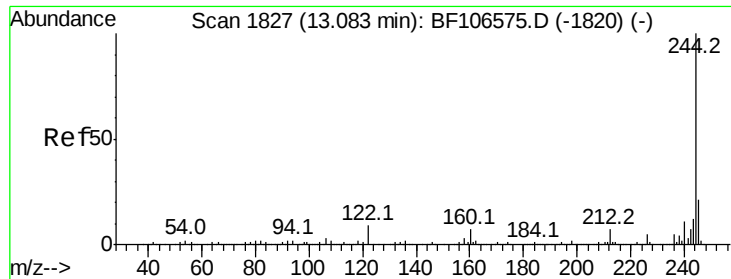
Delta R.T. -0.01 min

Lab File: BF106660.D

Acq: 21 Jun 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	130985		
200	21.5	17.4	26.2	
203	17.2	14.3	21.5	





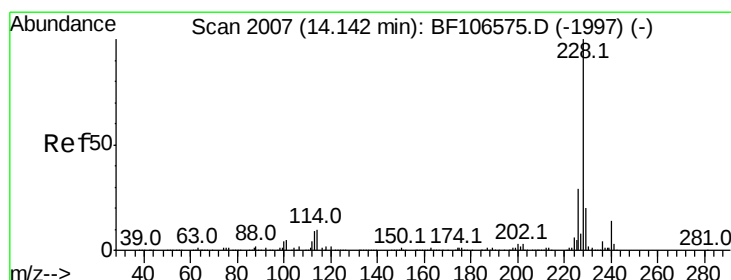
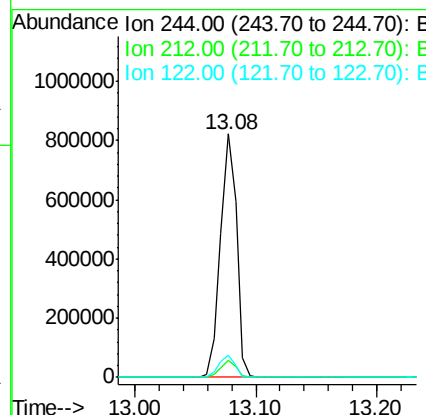
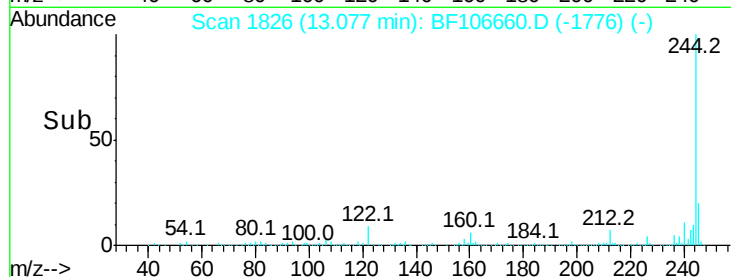
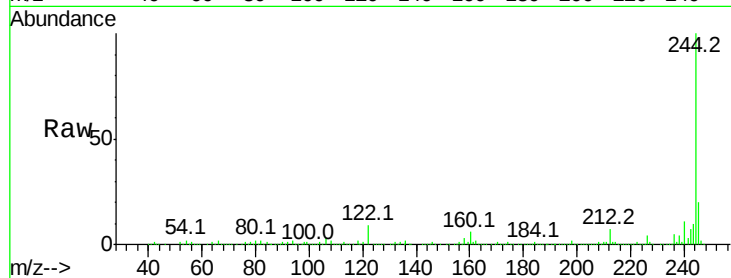
#78
 Terphenyl-d14
 Concen: 68.652 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106660.D
 Acq: 21 Jun 2018 14:32

Instrument :
 BNA_F
 ClientSampled :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.4	11.0	16.4

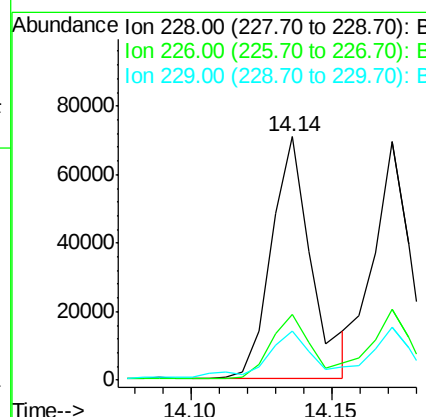
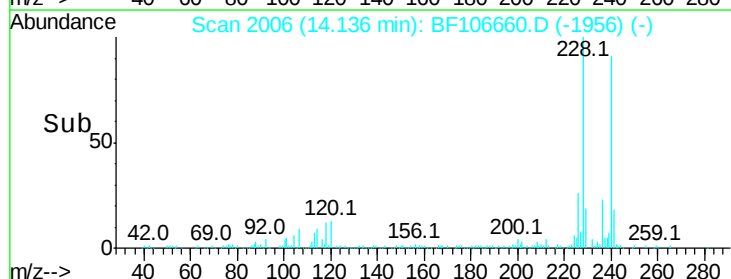
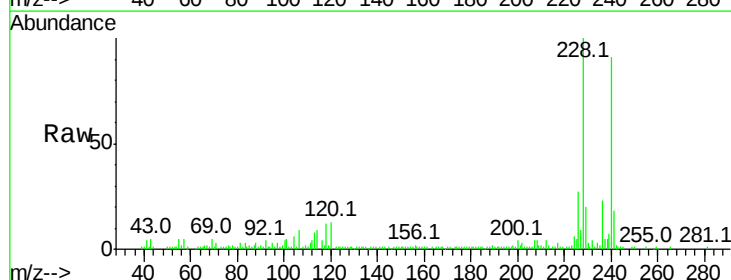
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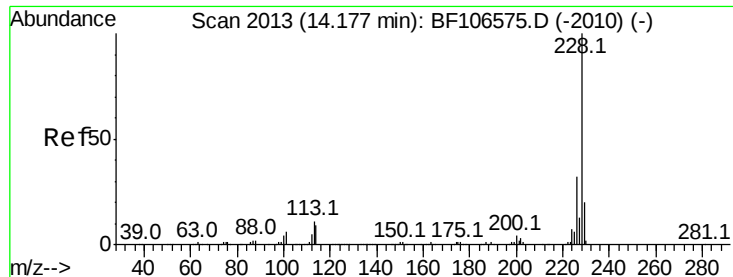
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 6/22/2018 10:22:59 AM



#80
 Benzo(a)anthracene
 Concen: 4.289 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF106660.D
 Acq: 21 Jun 2018 14:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	20.1	15.8	23.6





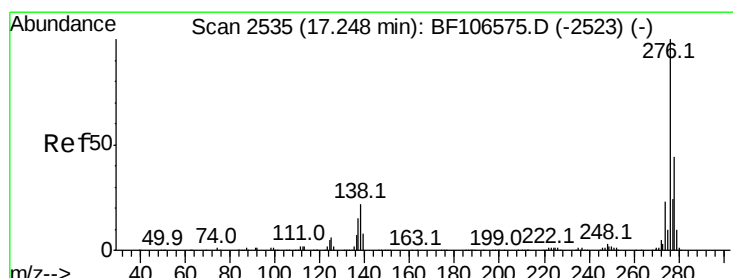
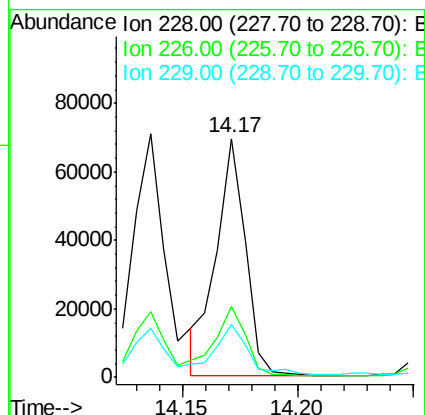
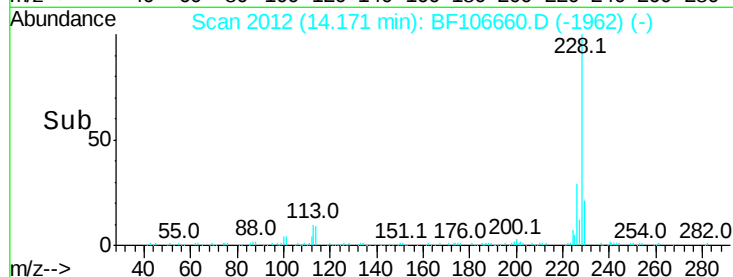
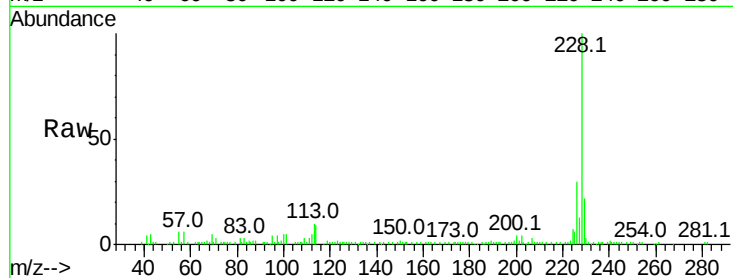
#82
Chrysene
Concen: 4.119 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF106660.D
Acq: 21 Jun 2018 14:32

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	22.0	16.2	24.4

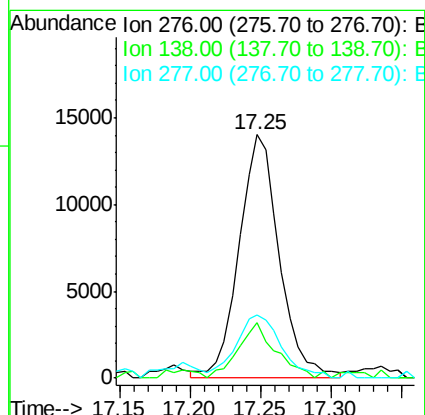
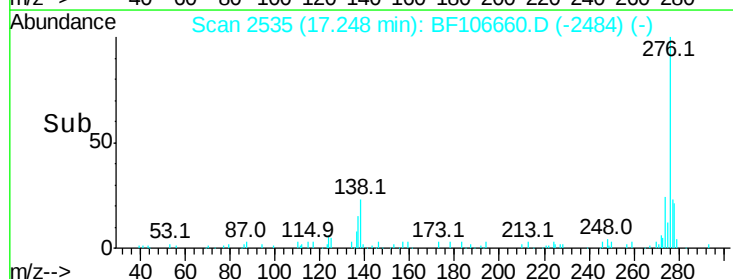
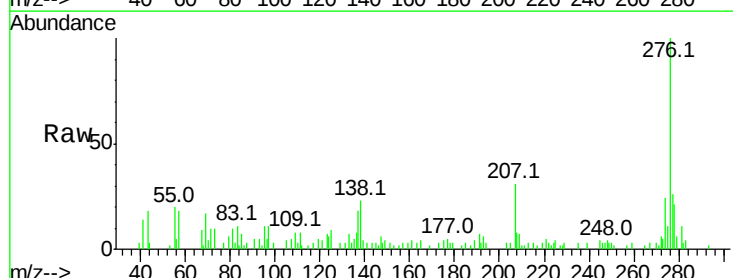
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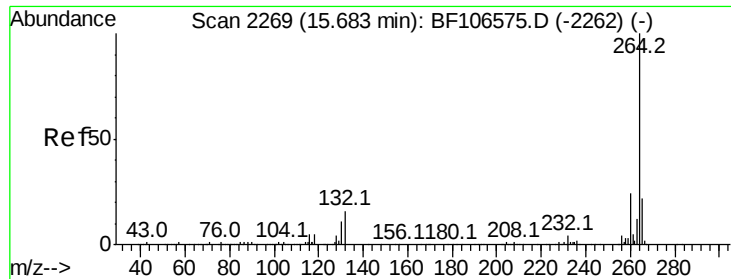
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.227 ng
RT: 17.25 min Scan# 2535
Delta R.T. 0.00 min
Lab File: BF106660.D
Acq: 21 Jun 2018 14:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	25.0	37.6#
277	29.1	20.1	30.1





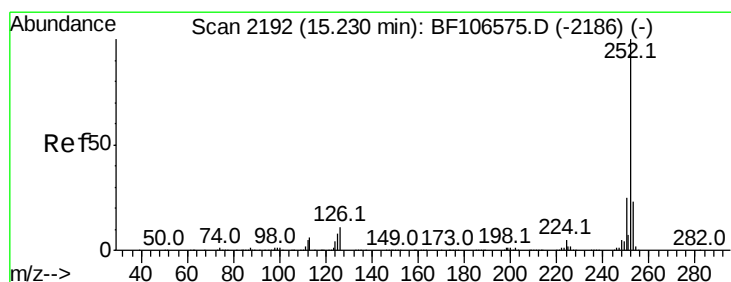
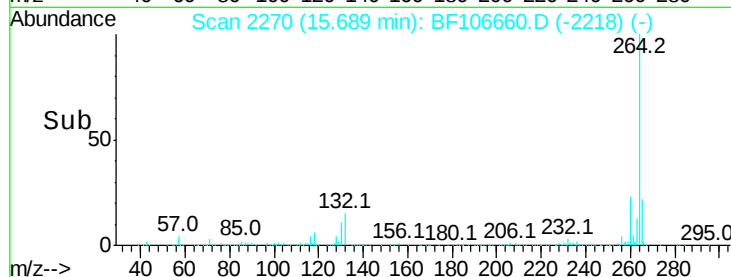
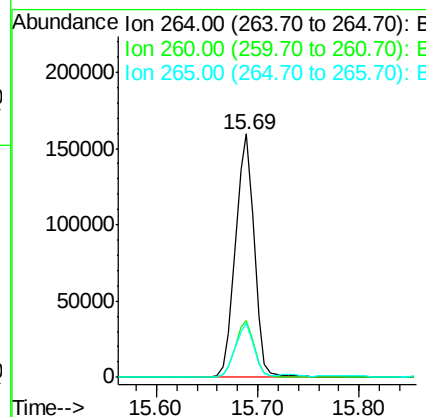
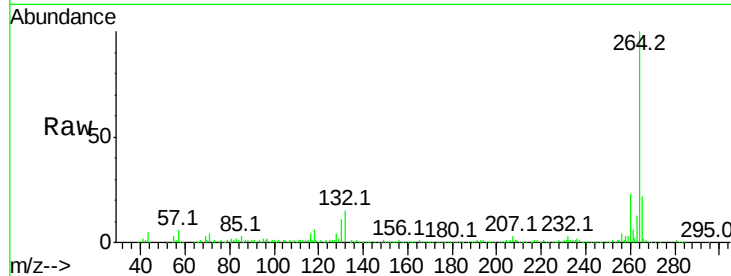
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106660.D
Acq: 21 Jun 2018 14:32

Instrument :
BNA_F
ClientSampled :
TP-2-S

Tot Ion	Ratio	Resp	Lower	Upper
264	100	205984		
260	23.2		19.2	28.8
265	22.2		17.5	26.3

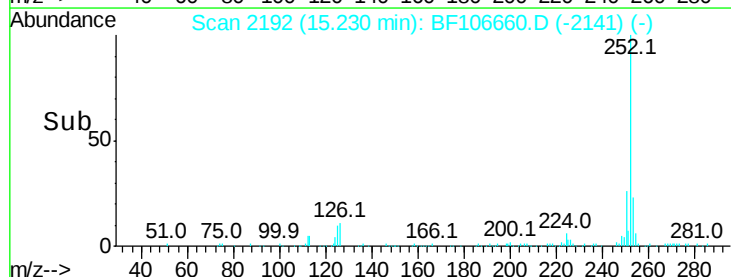
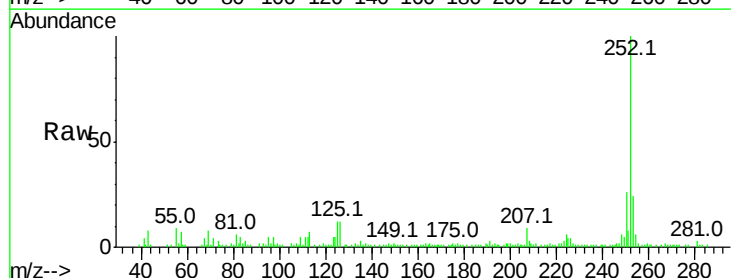
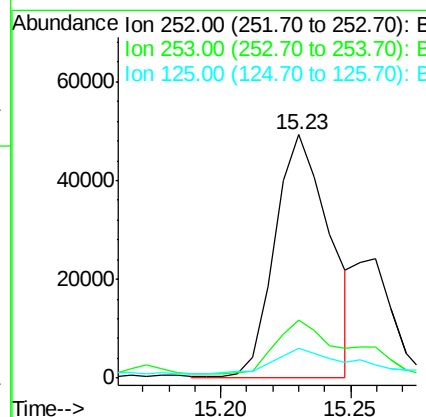
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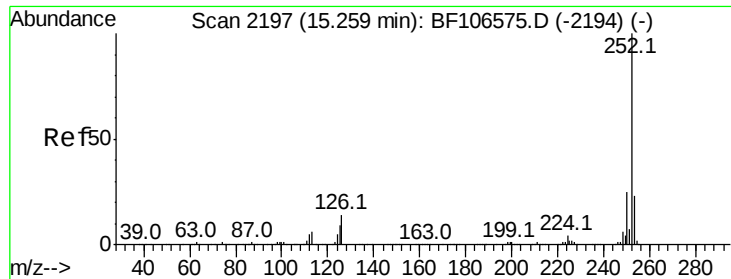
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#87
Benzo(b)fluoranthene
Concen: 5.677 ng m
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF106660.D
Acq: 21 Jun 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	72638		
253	23.7		17.0	25.6
125	12.3		9.0	13.6





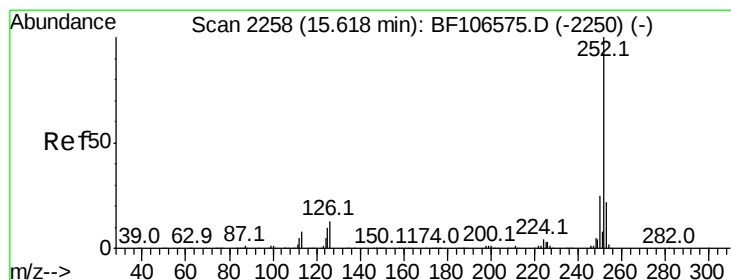
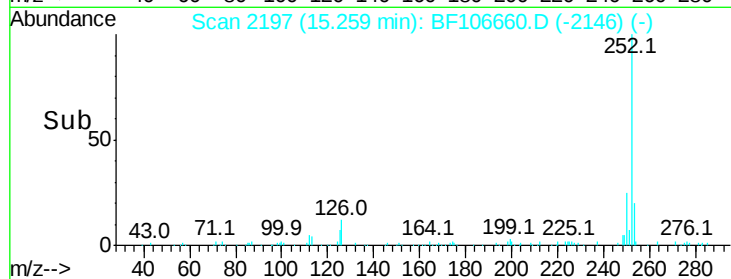
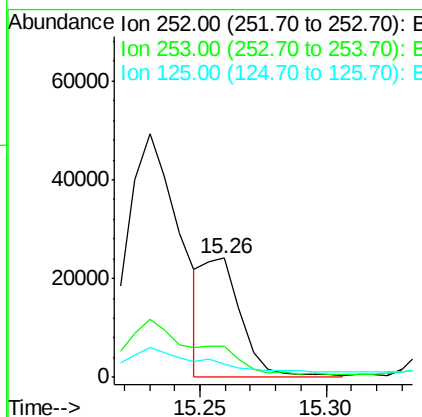
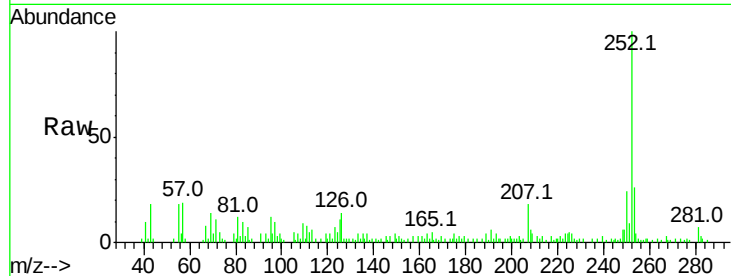
#88
Benzo(k)fluoranthene
Concen: 2.071 ng m
RT: 15.26 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF106660.D
Acq: 21 Jun 2018 14:32

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Resp	Lower	Upper
252	100	25234		
253	25.6		17.9	26.9
125	11.3		10.2	15.2

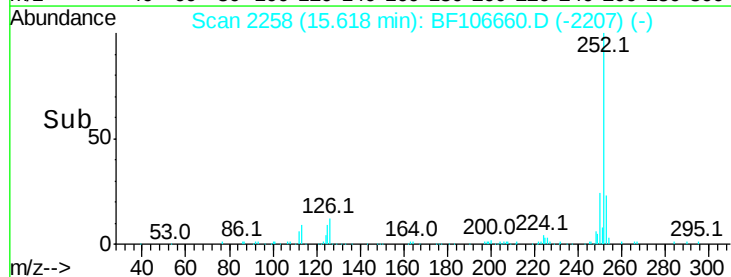
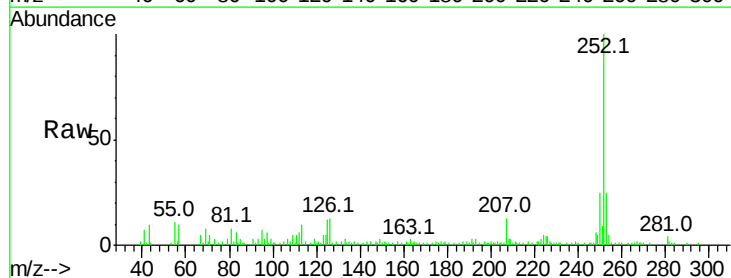
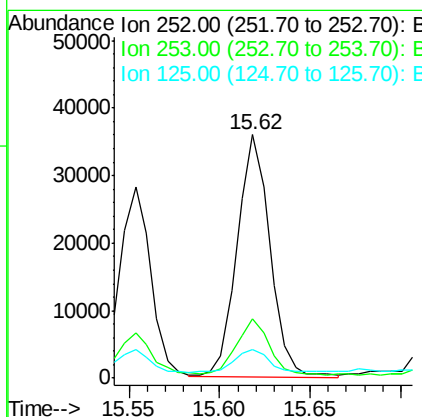
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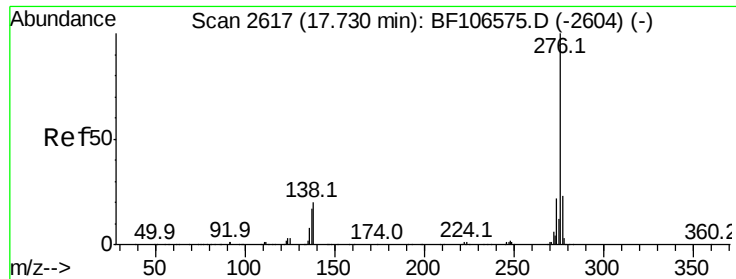
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#89
Benzo(a)pyrene
Concen: 3.983 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BF106660.D
Acq: 21 Jun 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	45309		
253	24.6		17.1	25.7
125	11.5		9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.905 ng
 RT: 17.72 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BF106660.D
 Acq: 21 Jun 2018 14:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	19.0	21.8	32.8

Manual Integrations
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