

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106701.D
 Acq On : 22 Jun 2018 11:44
 Operator : JU/SJ
 Sample : J3603-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-9

Manual Integrations
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Quant Time: Jun 22 12:31:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	67281	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	258136	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	136075	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	268374	20.00	ng	0.00
75) Chrysene-d12	14.15	240	195129	20.00	ng	0.00
86) Perylene-d12	15.69	264	210586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	393016	98.91	ng	0.00
7) Phenol-d6	6.61	99	516296	104.05	ng	0.00
23) Nitrobenzene-d5	7.52	82	379299	81.66	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	135890	86.16	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	532612	62.31	ng	0.00
78) Terphenyl-d14	13.08	244	481636	59.79	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	82555	8.089	ng	98
70) Phenanthrene	11.52	178	100178	7.739	ng	98
74) Fluoranthene	12.71	202	160630	11.259	ng	96
77) Pyrene	12.94	202	153965	11.966	ng	99
80) Benzo(a)anthracene	14.14	228	87403	7.349	ng	99
82) Chrysene	14.17	228	81621	7.460	ng	97
85) Indeno(1,2,3-cd)pyrene	17.25	276	41955	4.519	ng	# 89
87) Benzo(b)fluoranthene	15.23	252	97264m	7.435	ng	
88) Benzo(k)fluoranthene	15.26	252	26005m	2.088	ng	
89) Benzo(a)pyrene	15.62	252	72065m	6.197	ng	
91) Benzo(g,h,i)perylene	17.73	276	42889	4.452	ng	# 91

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

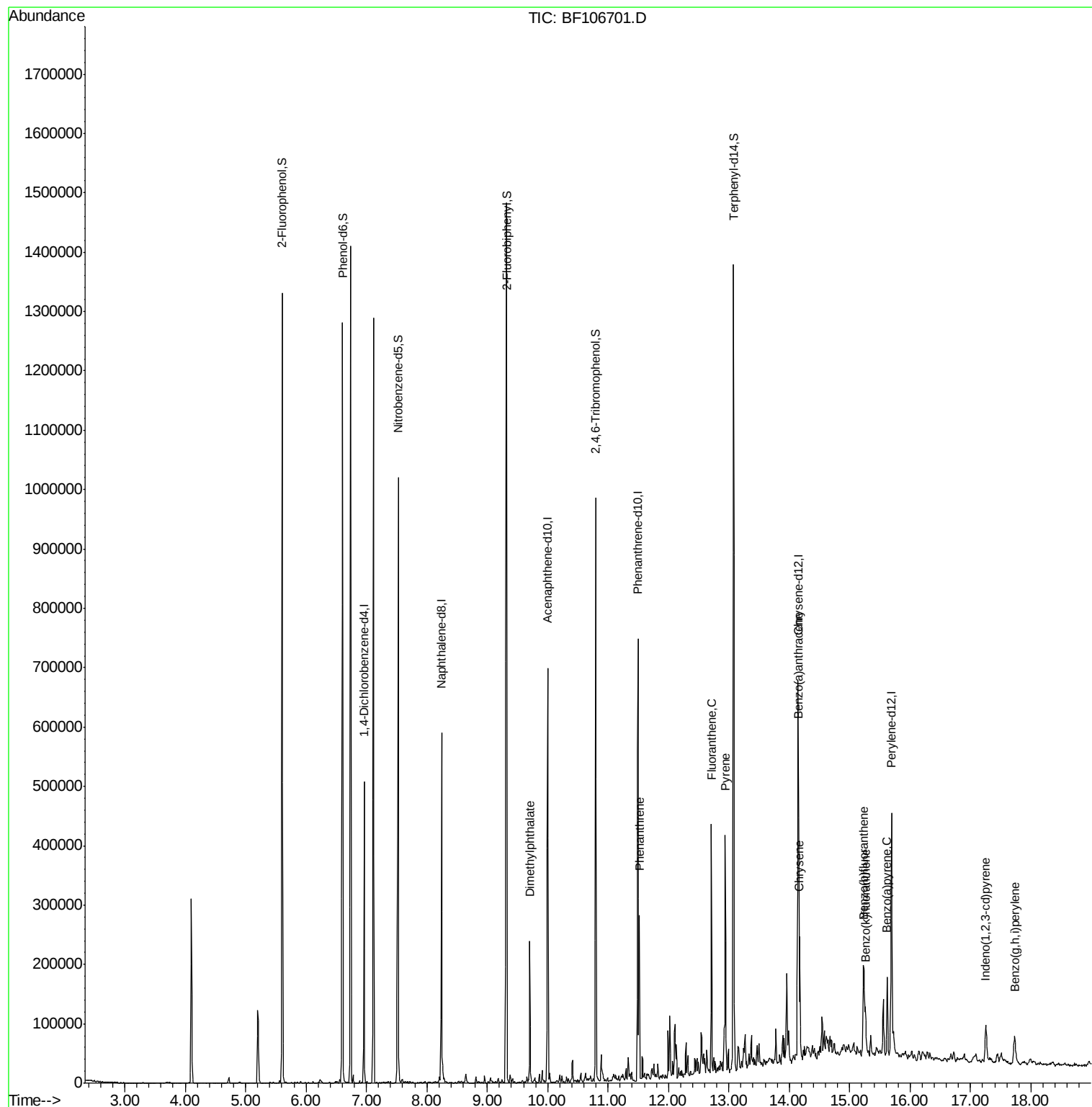
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106701.D
Acq On : 22 Jun 2018 11:44
Operator : JU/SJ
Sample : J3603-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
26KV-TP-9

Quant Time: Jun 22 12:31:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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#1

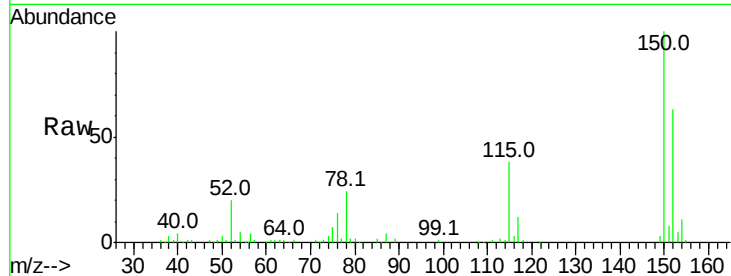
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106701.D
Acq: 22 Jun 2018 11:44

Instrument :
BNA_F
ClientSampleId :
26KV-TP-9

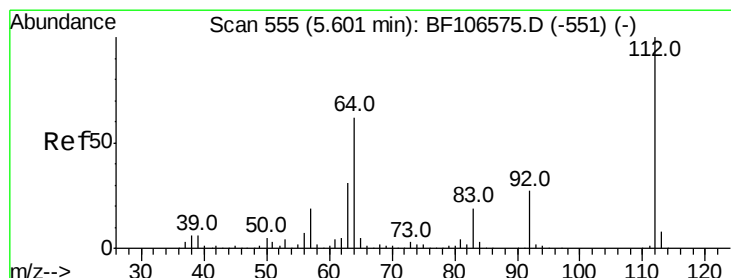
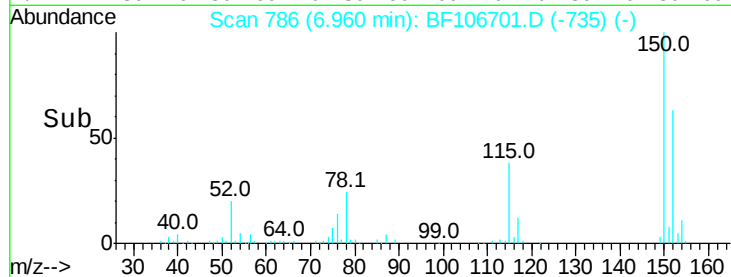
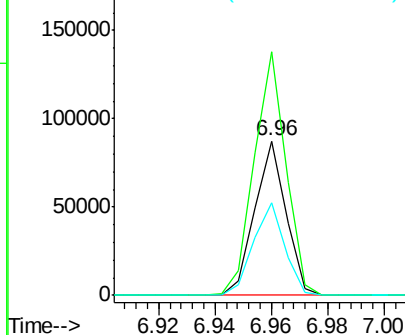
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	59.6	50.1	75.1

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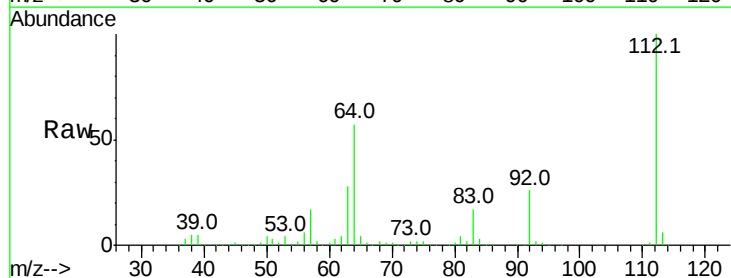
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



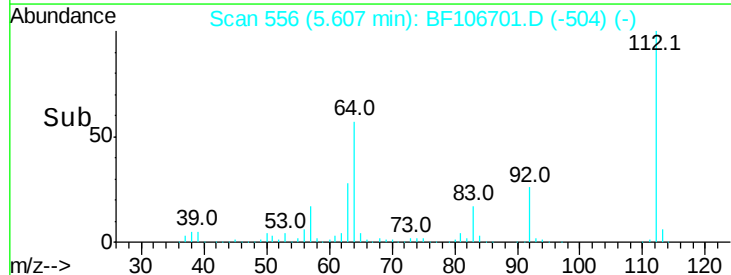
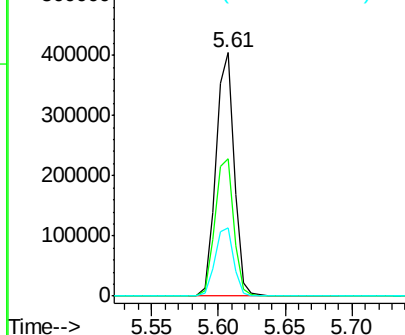
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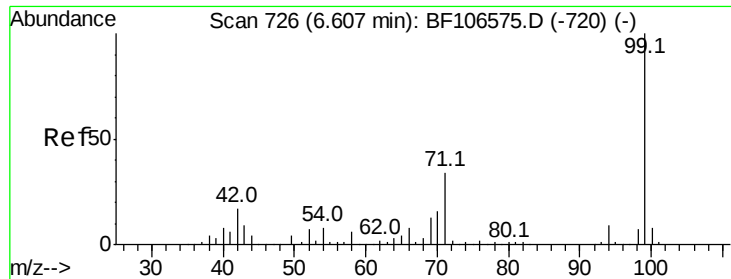
2-Fluorophenol
Concen: 98.914 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106701.D
Acq: 22 Jun 2018 11:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	27.9	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: 104.052 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF106701.D

Acq: 22 Jun 2018 11:44

Instrument :

BNA_F

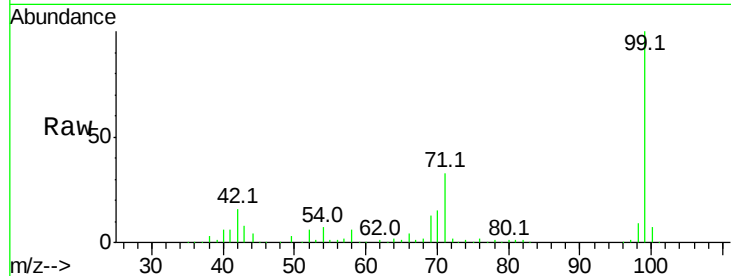
ClientSampleId :

26KV-TP-9

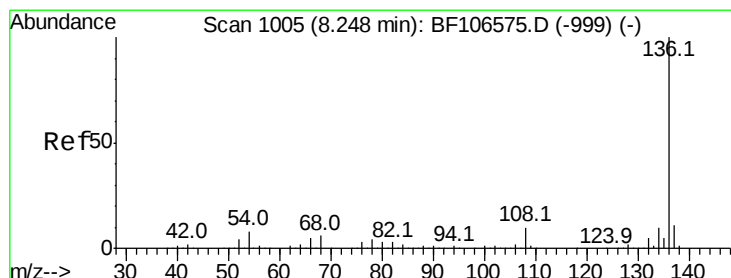
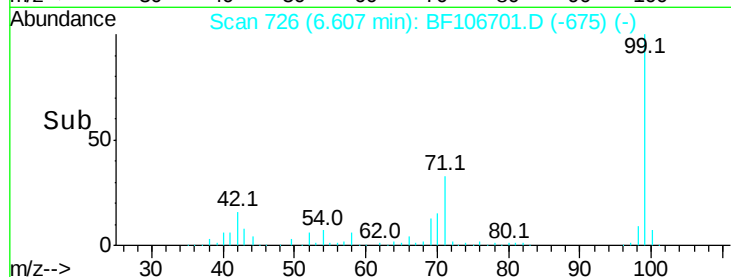
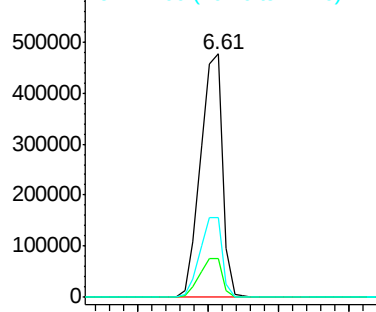
Tot Ion:	99	Resp:	516296
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.5	21.7
71	32.9	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

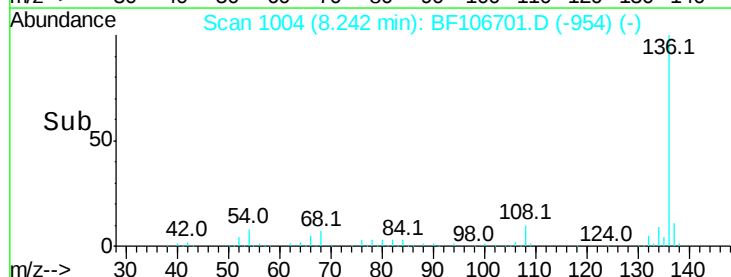
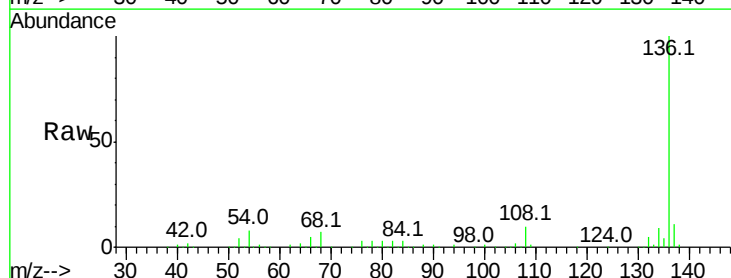
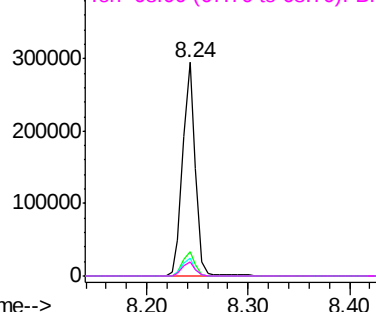
Delta R.T. -0.01 min

Lab File: BF106701.D

Acq: 22 Jun 2018 11:44

Tgt Ion:	136	Resp:	258136
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.3	6.6	9.8
68	6.6	5.0	7.4

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): BF1
Ion 68.00 (67.70 to 68.70): BF1





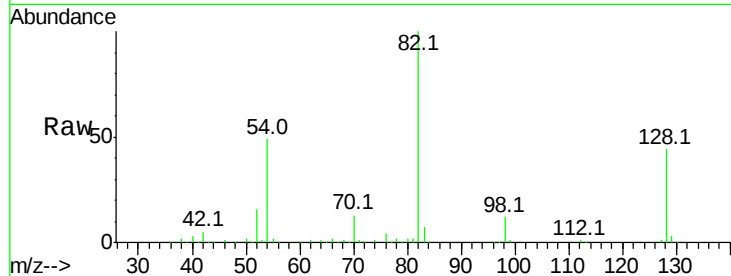
#23
Nitrobenzene-d5
Concen: 81.658 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106701.D
Acq: 22 Jun 2018 11:44

Instrument :
BNA_F
ClientSampleId :
26KV-TP-9

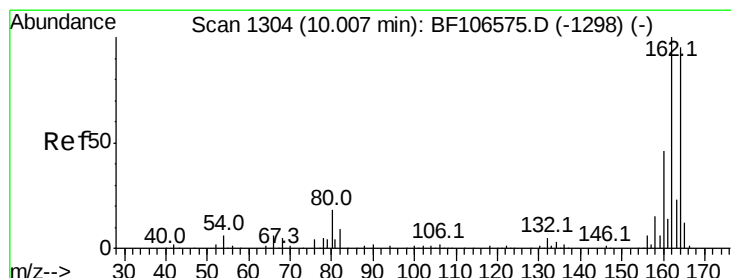
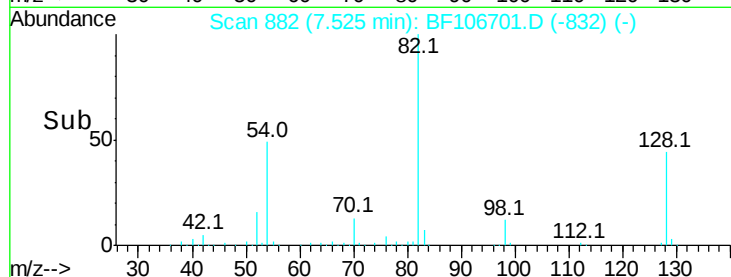
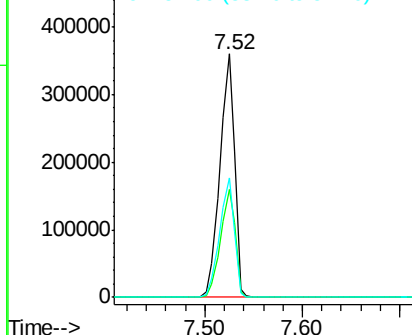
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	49.3	41.4	62.2

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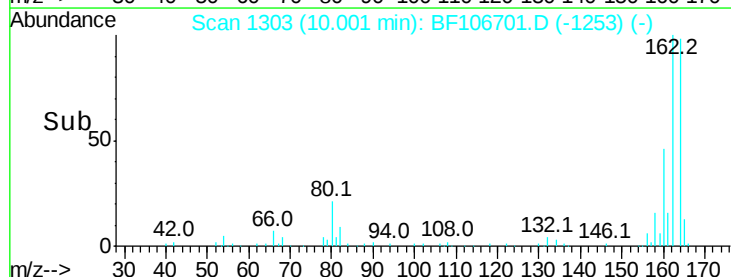
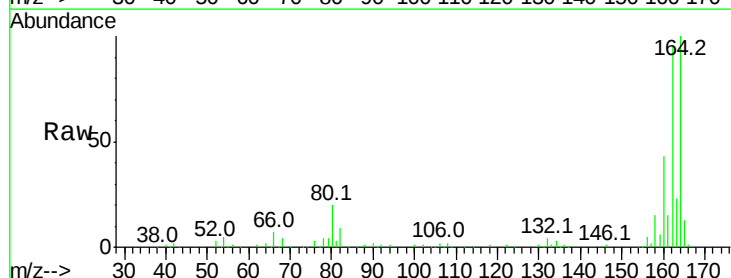
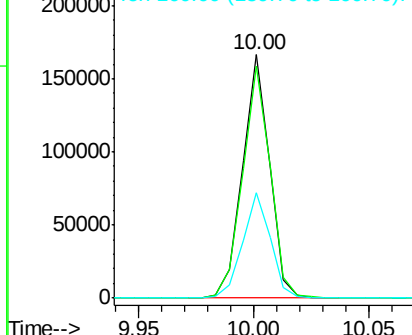
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106701.D
Acq: 22 Jun 2018 11:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.6	86.1	129.1
160	43.4	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





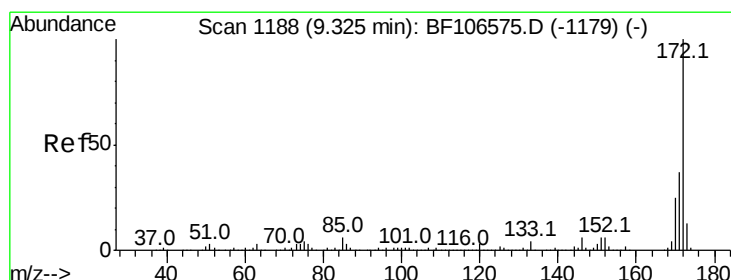
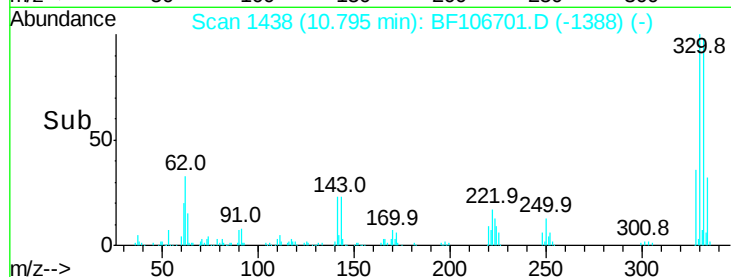
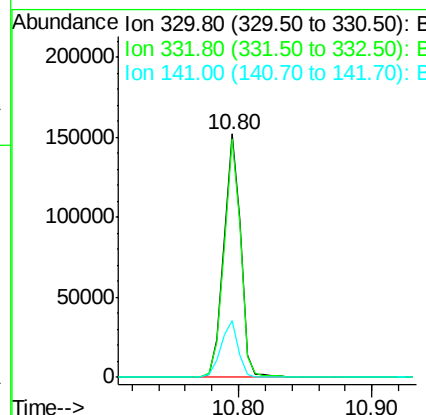
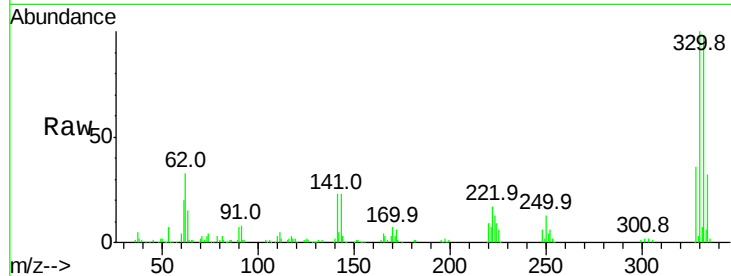
#41
 2,4,6-Tribromophenol
 Concen: 86.162 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106701.D
 Acq: 22 Jun 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-9

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	24.0	29.9	44.9	

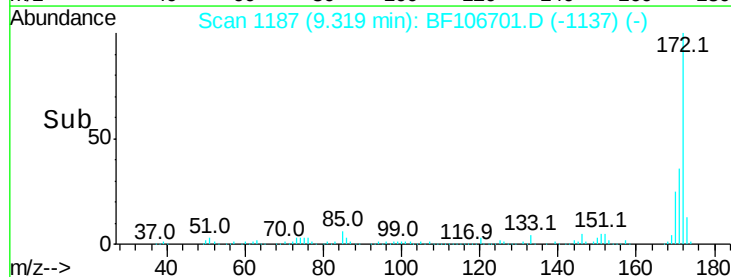
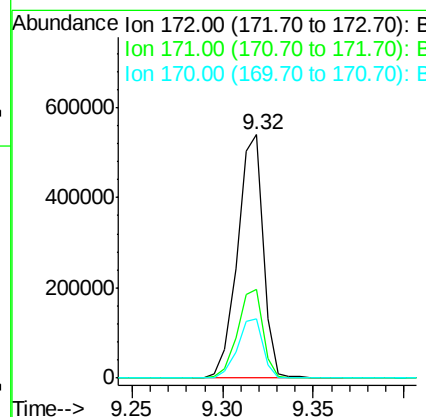
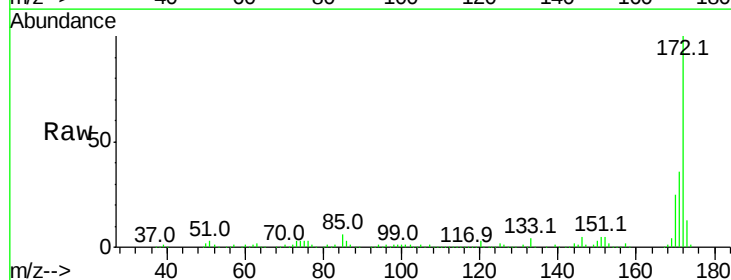
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#44
 2-Fluorobiphenyl
 Concen: 62.314 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106701.D
 Acq: 22 Jun 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.5	29.7	44.5	
170	24.5	19.6	29.4	





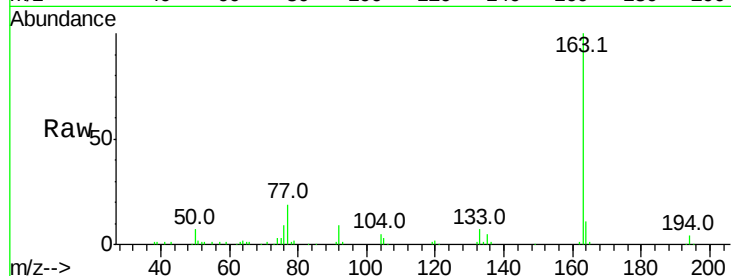
#49
Dimethylphthalate
Concen: 8.089 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106701.D
Acq: 22 Jun 2018 11:44

Instrument :
BNA_F
ClientSampleId :
26KV-TP-9

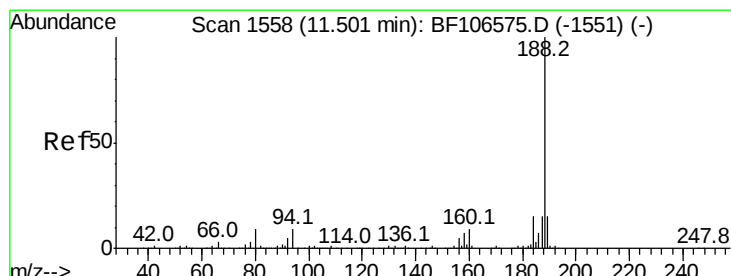
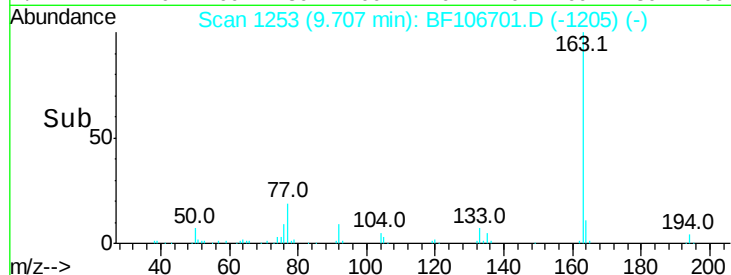
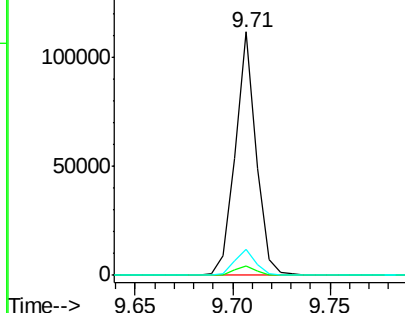
Tot Ion	Ratio	Resp	Lower	Upper
163	100	82555		
194	3.9		2.7	4.1
164	10.8		8.2	12.2

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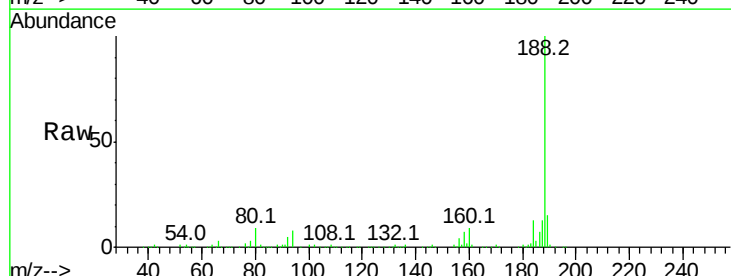


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

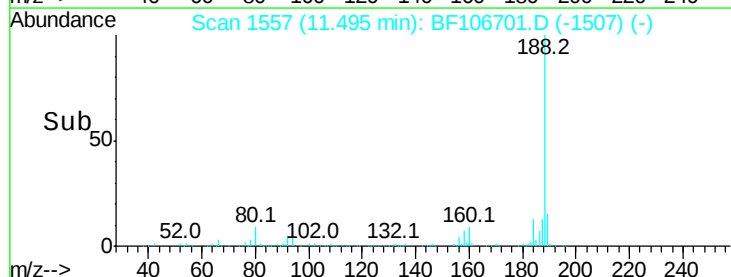
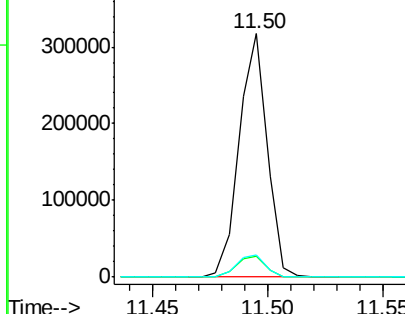


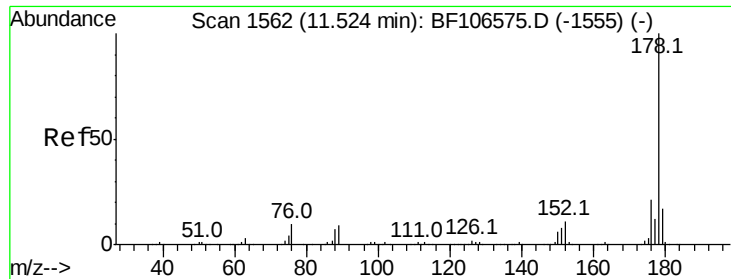
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106701.D
Acq: 22 Jun 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	268374		
94	8.3		8.5	12.7#
80	9.1		9.2	13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





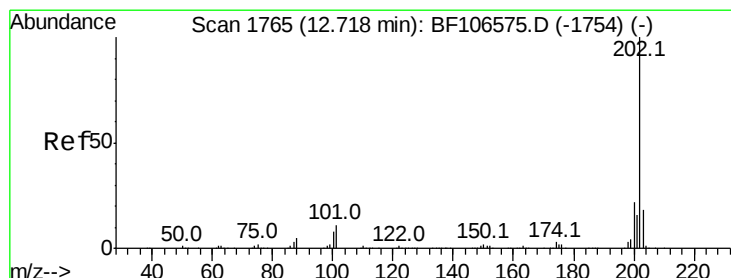
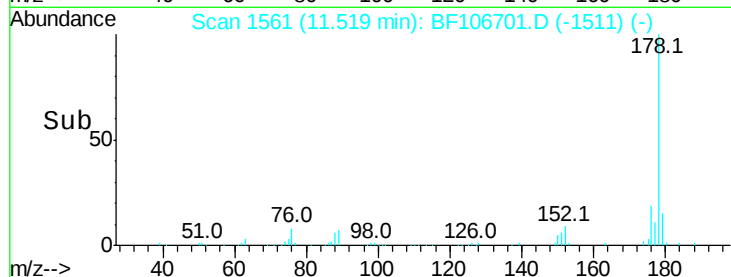
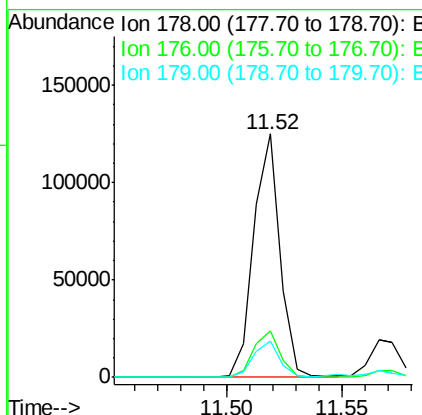
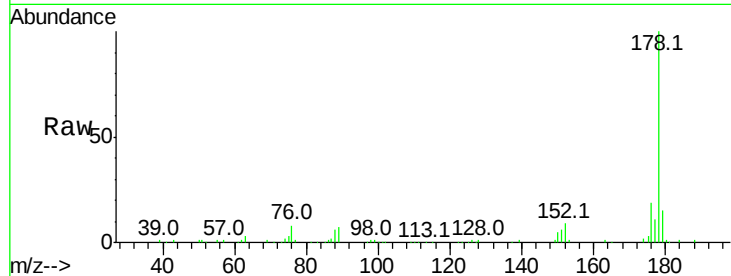
#70
Phenanthrene
Concen: 7.739 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106701.D
Acq: 22 Jun 2018 11:44

Instrument :
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26KV-TP-9

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.1	13.0	19.6

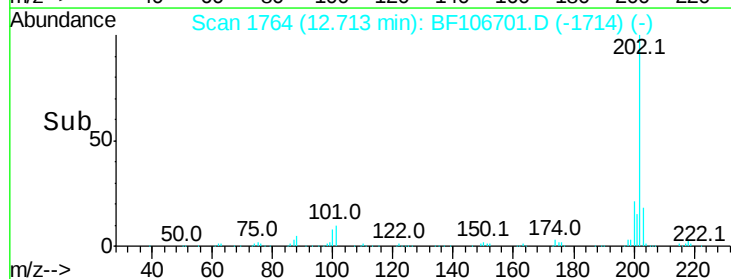
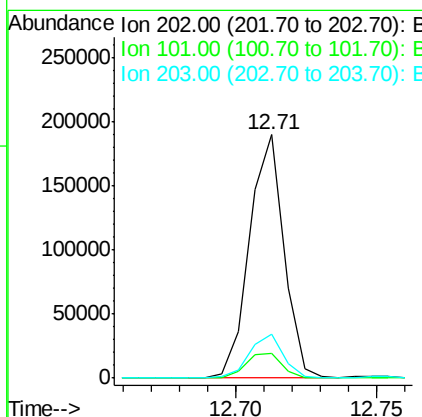
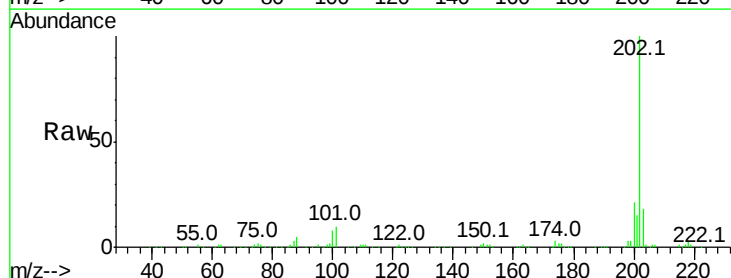
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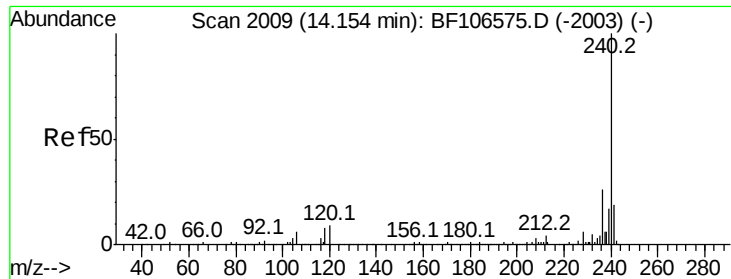
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#74
Fluoranthene
Concen: 11.259 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106701.D
Acq: 22 Jun 2018 11:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.1
203	18.1	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: BF106701.D

Acq: 22 Jun 2018 11:44

Instrument :

BNA_F

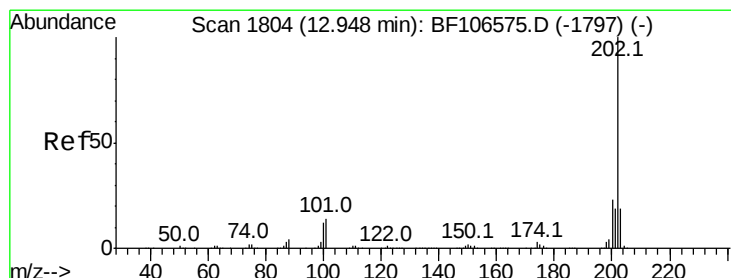
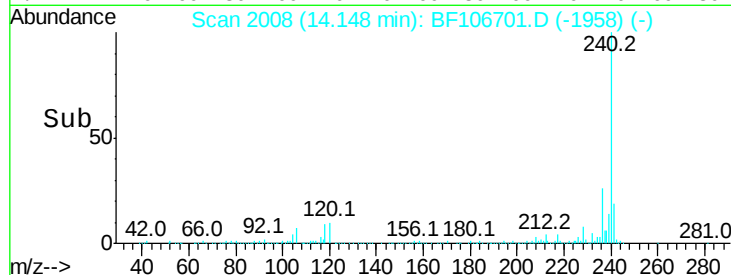
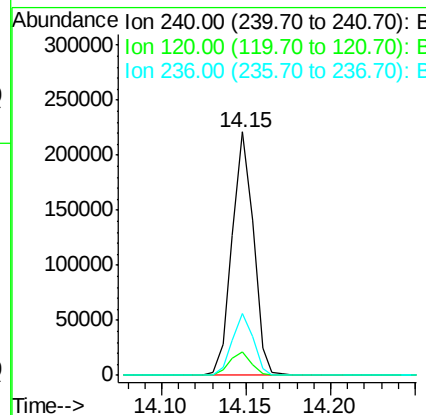
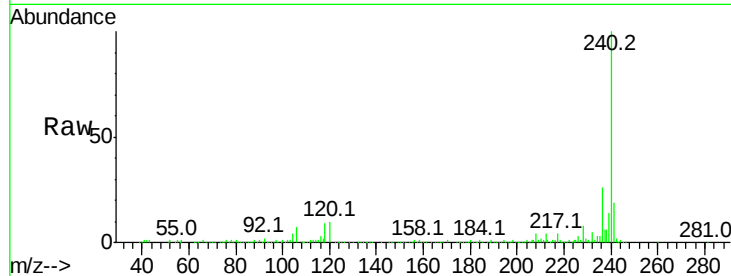
ClientSampleId :

26KV-TP-9

Tot Ion:	240	Resp:	195129
Ion Ratio	Lower	Upper	
240	100		
120	9.6	9.5	14.3
236	25.5	20.7	31.1

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#77

Pyrene

Concen: 11.966 ng

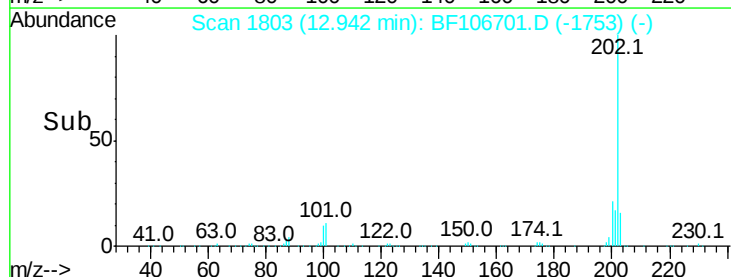
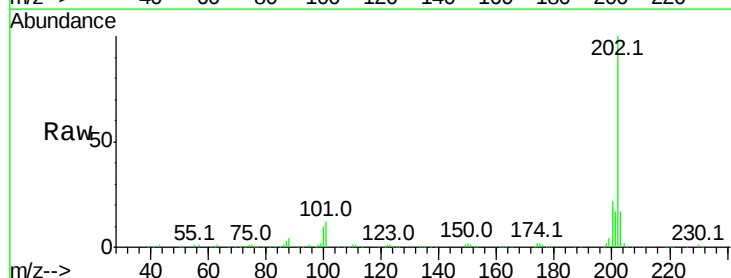
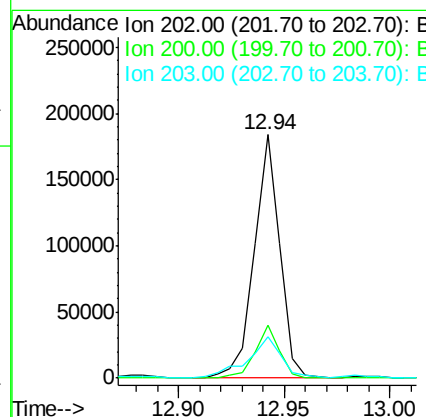
RT: 12.94 min Scan# 1803

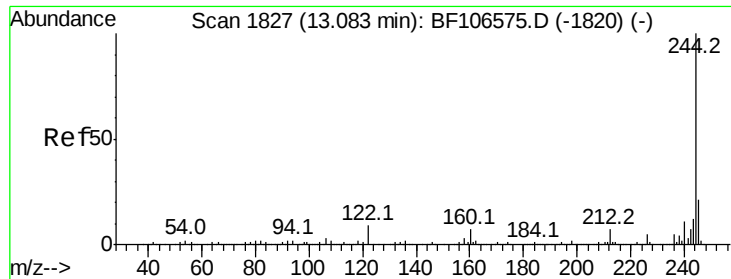
Delta R.T. -0.01 min

Lab File: BF106701.D

Acq: 22 Jun 2018 11:44

Tgt Ion:	202	Resp:	153965
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	17.0	14.3	21.5





#78

Terphenyl-d14

Concen: 59.789 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106701.D

Acq: 22 Jun 2018 11:44

Instrument :

BNA_F

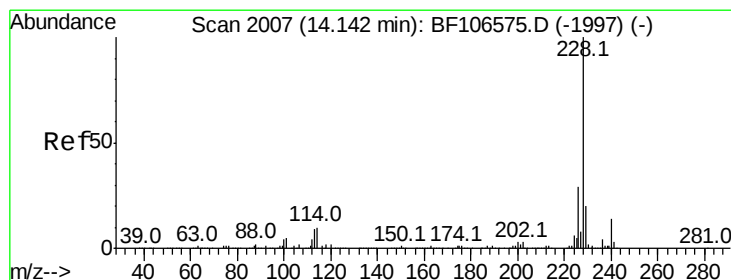
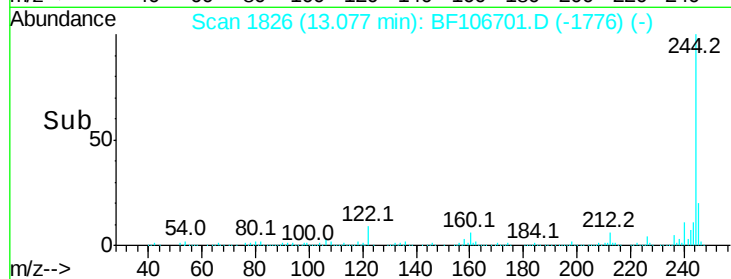
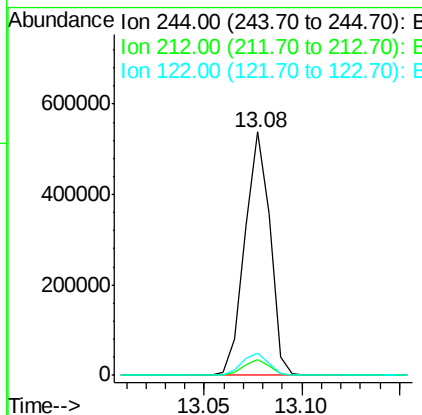
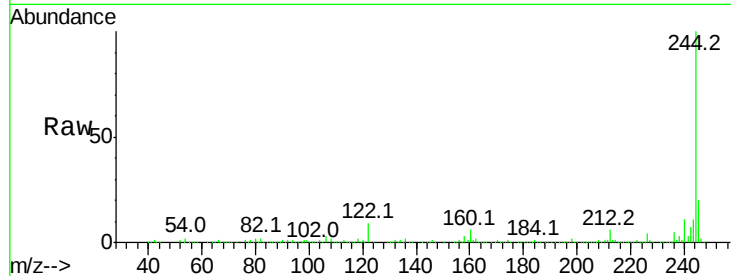
ClientSampled :

26KV-TP-9

Tot Ion:	244	Resp:	481636
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	8.9	11.0	16.4

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6/25/2018 5:16:33 PM



#80

Benzo(a)anthracene

Concen: 7.349 ng

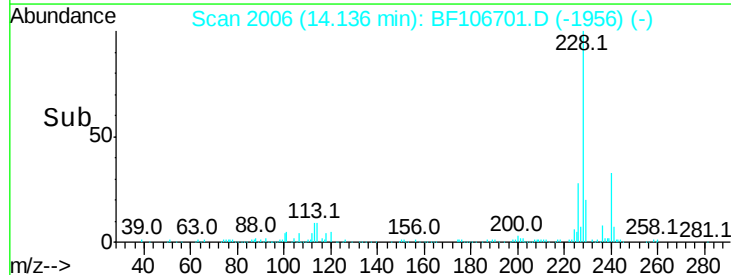
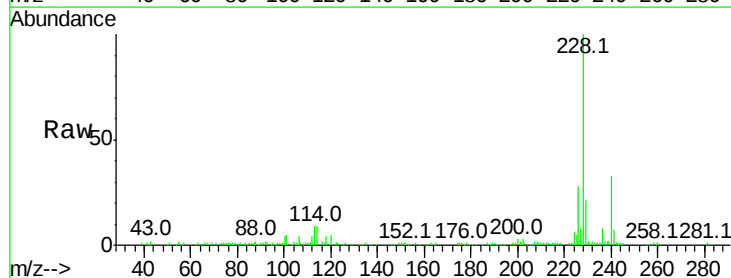
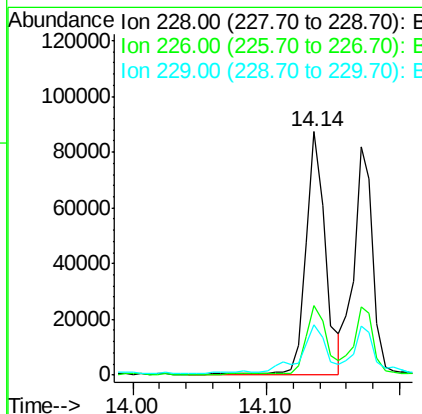
RT: 14.14 min Scan# 2006

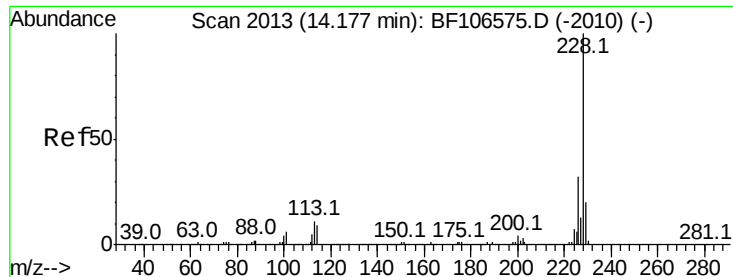
Delta R.T. -0.01 min

Lab File: BF106701.D

Acq: 22 Jun 2018 11:44

Tgt Ion:	228	Resp:	87403
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.6	33.8
229	20.9	15.8	23.6





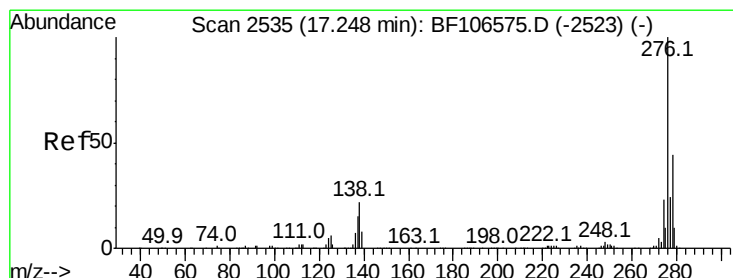
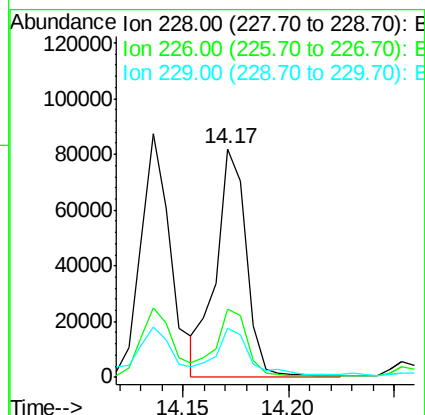
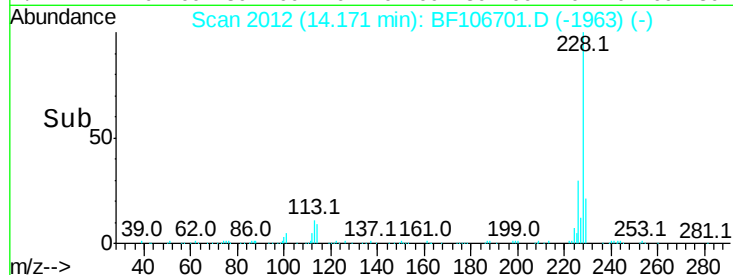
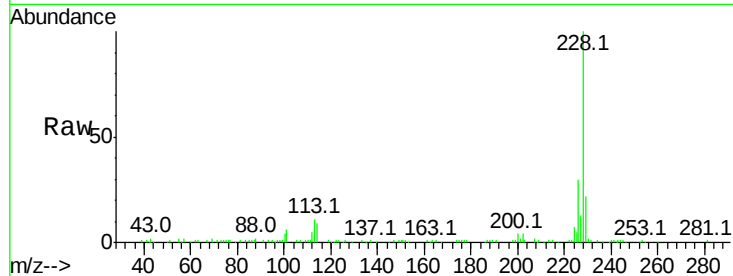
#82
Chrysene
Concen: 7.460 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF106701.D
Acq: 22 Jun 2018 11:44

Instrument :
BNA_F
ClientSampled :
26KV-TP-9

Tot Ion:	228	Resp:	81621
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.0	37.6
229	21.6	16.2	24.4

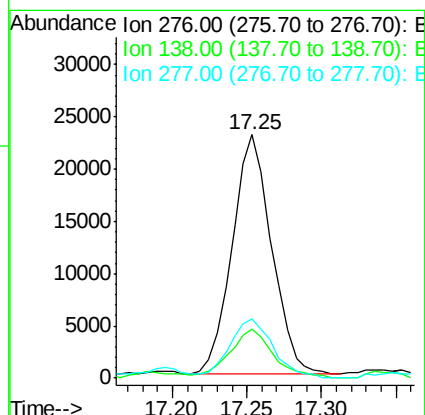
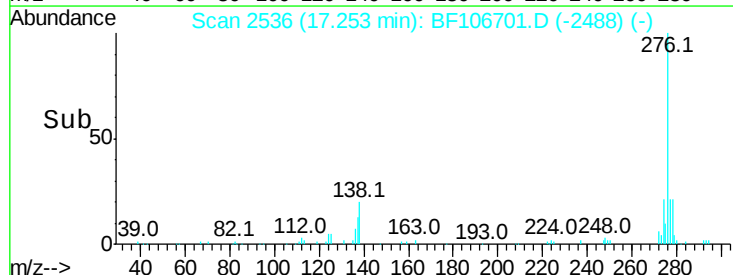
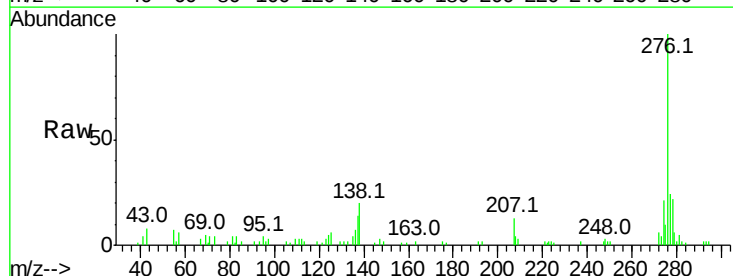
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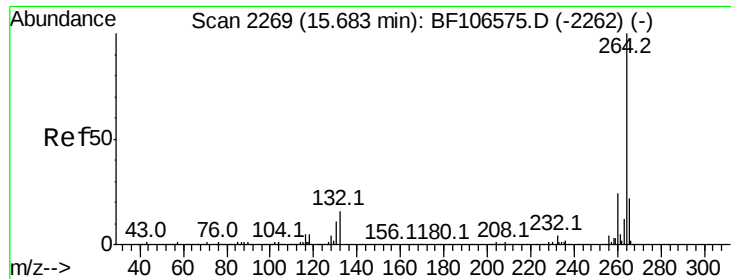
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.519 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF106701.D
Acq: 22 Jun 2018 11:44

Tgt Ion:	276	Resp:	41955
Ion Ratio	Lower	Upper	
276	100		
138	22.9	25.0	37.6#
277	27.4	20.1	30.1





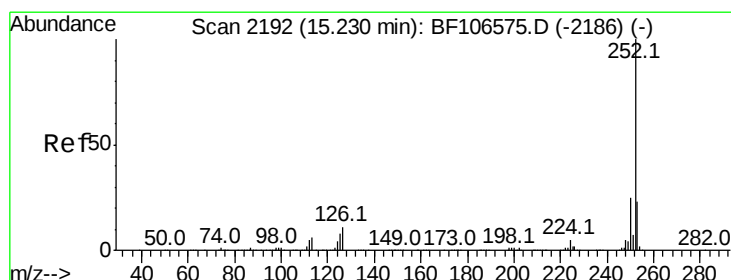
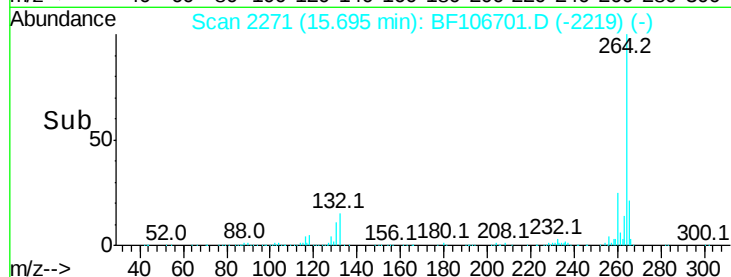
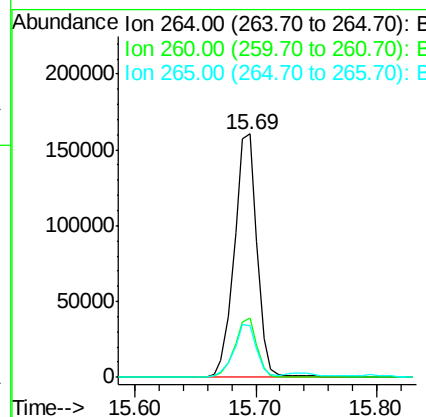
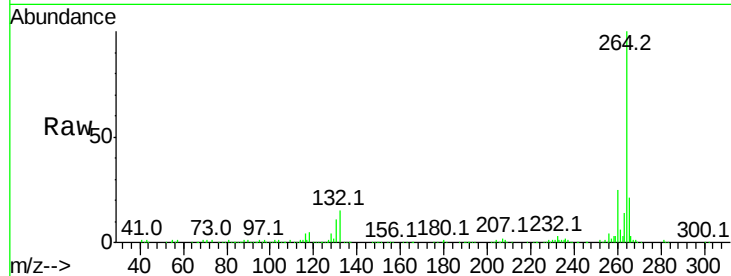
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106701.D
Acq: 22 Jun 2018 11:44

Instrument :
BNA_F
ClientSampleId :
26KV-TP-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.3	17.5	26.3

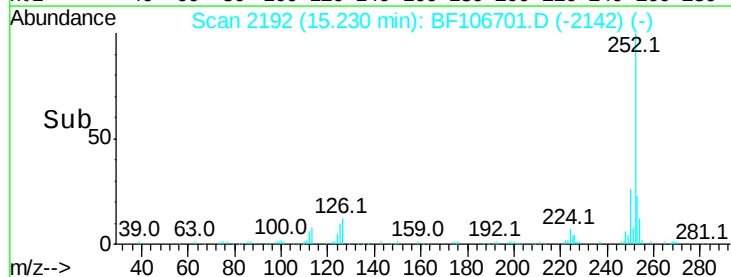
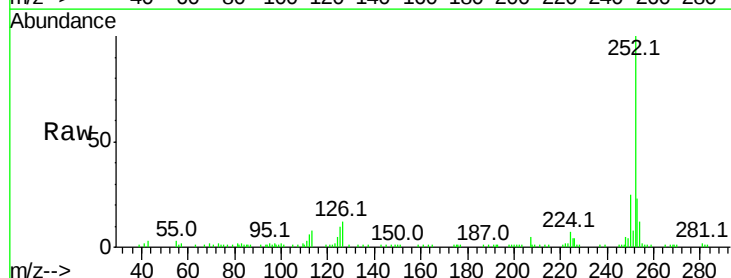
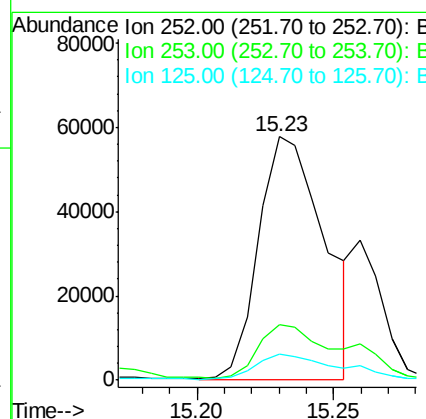
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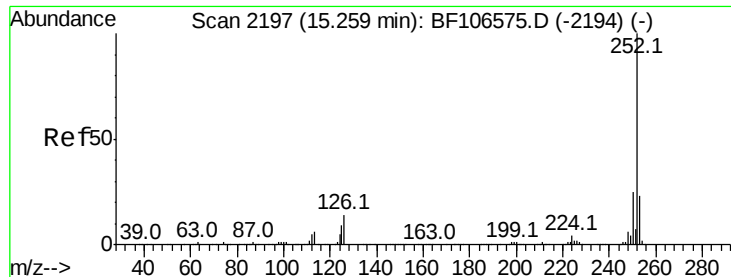
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6/25/2018 5:16:33 PM



#87
Benzo(b)fluoranthene
Concen: 7.435 ng m
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF106701.D
Acq: 22 Jun 2018 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	10.5	9.0	13.6





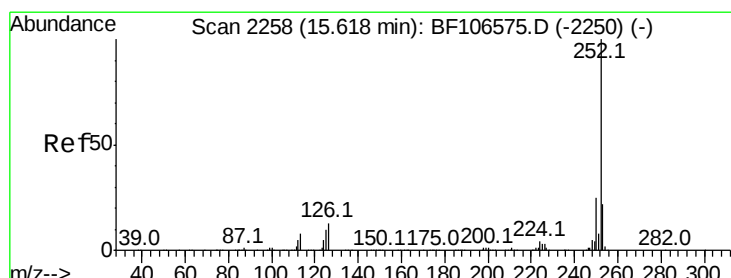
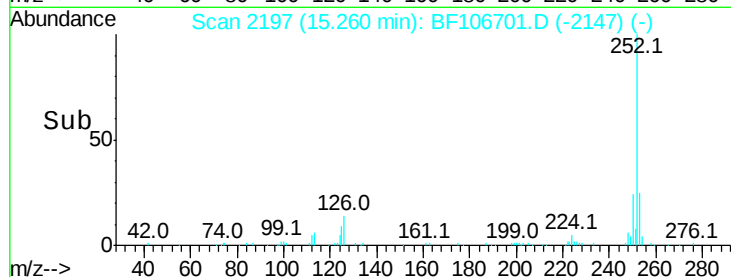
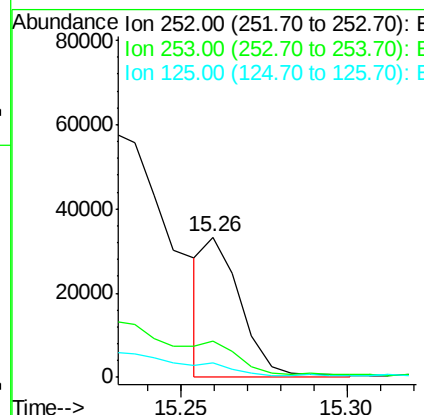
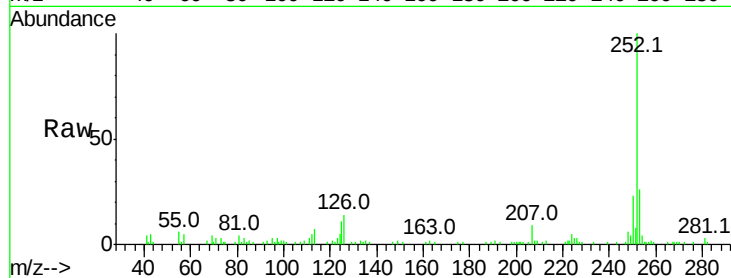
#88
Benzo(k)fluoranthene
Concen: 2.088 ng m
RT: 15.26 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF106701.D
Acq: 22 Jun 2018 11:44

Instrument :
BNA_F
ClientSampleId :
26KV-TP-9

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.9	26.9
125	10.7	10.2	15.2

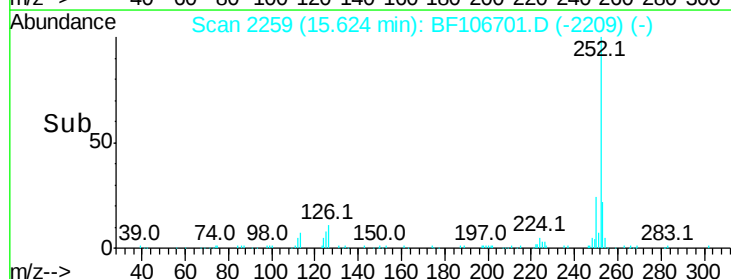
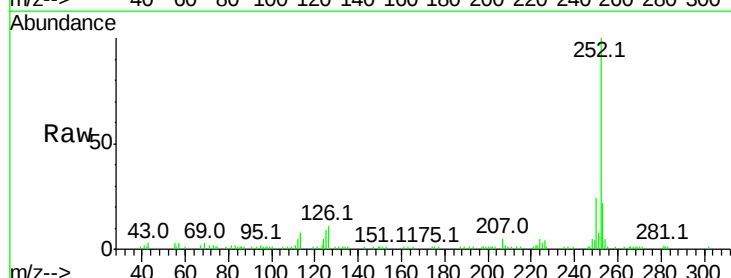
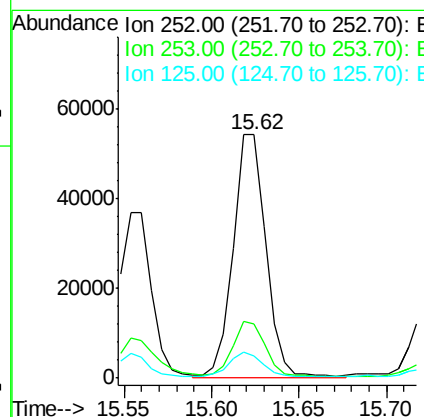
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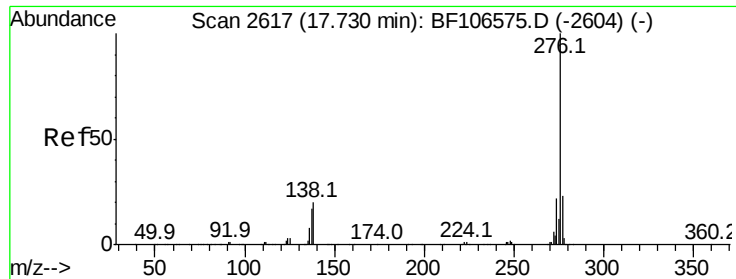
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#89
Benzo(a)pyrene
Concen: 6.197 ng m
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF106701.D
Acq: 22 Jun 2018 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	9.3	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.452 ng
 RT: 17.73 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF106701.D
 Acq: 22 Jun 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-9

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	21.7	21.8	32.8#

Manual Integrations
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