

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106743.D
 Acq On : 23 Jun 2018 7:20
 Operator : JU/SJ
 Sample : J3581-04 2X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSP-B-COMPOSITE

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Quant Time: Jun 25 07:31:29 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	49681	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	179241	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	78871	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	144216	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	137973	20.00	ng	-0.01
86) Perylene-d12	15.68	264	96661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	168699	57.50	ng	0.00
7) Phenol-d6	6.60	99	204844	55.91	ng	0.00
23) Nitrobenzene-d5	7.52	82	124998	38.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	51416	56.25	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	236554	43.58	ng	-0.01
78) Terphenyl-d14	13.08	244	264398	46.42	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	26087	4.410	ng	99
70) Phenanthrene	11.52	178	19698	2.832	ng	99
74) Fluoranthene	12.71	202	46309	6.040	ng	97
77) Pyrene	12.94	202	47414	5.211	ng	97
80) Benzo(a)anthracene	14.13	228	25417	3.023	ng	# 94
82) Chrysene	14.17	228	23132m	2.990	ng	
87) Benzo(b)fluoranthene	15.22	252	25571m	4.259	ng	
89) Benzo(a)pyrene	15.61	252	16472	3.086	ng	# 85
91) Benzo(g,h,i)perylene	17.73	276	12988	2.937	ng	# 92

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

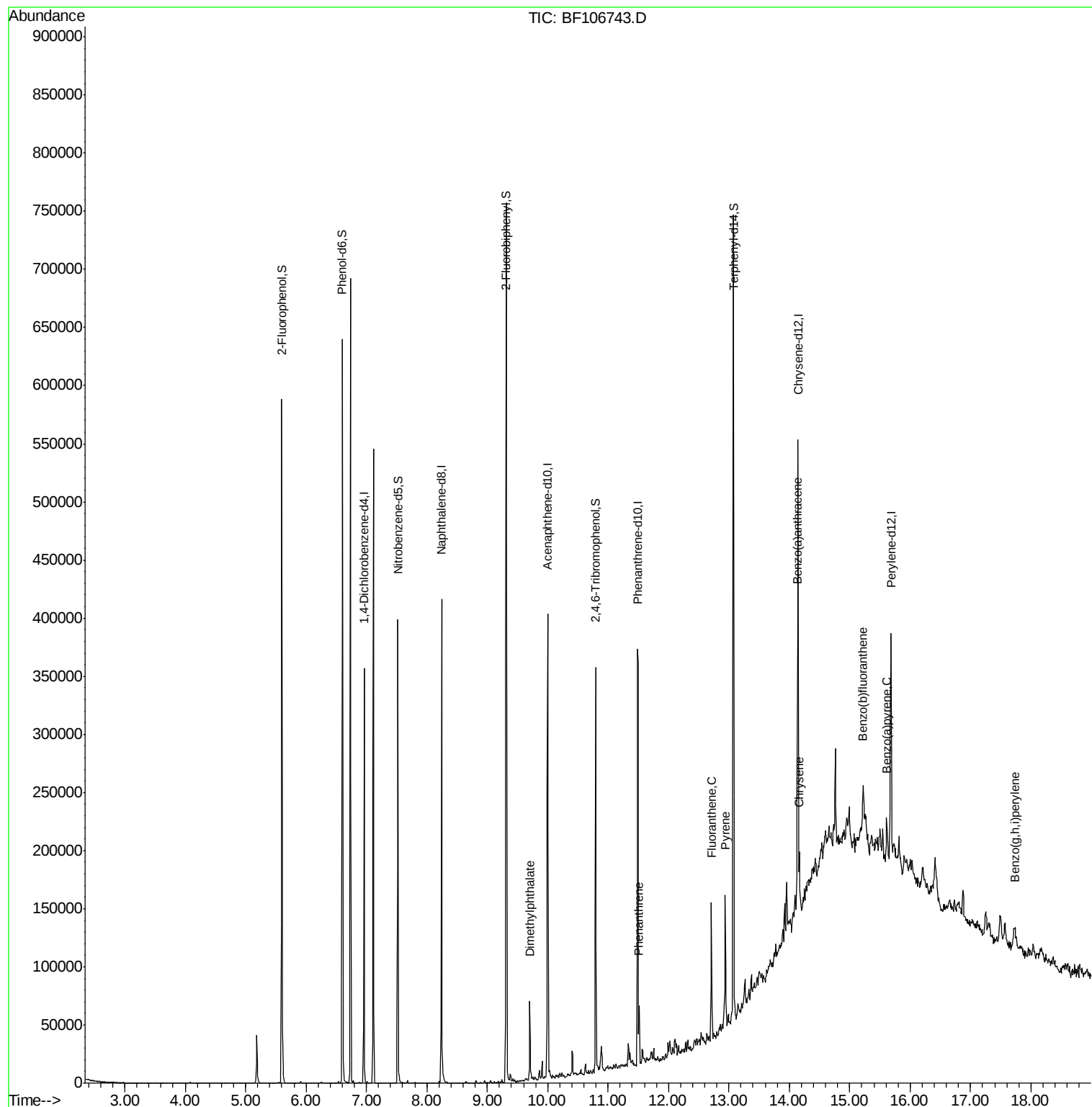
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
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ALS Vial : 33 Sample Multiplier: 1

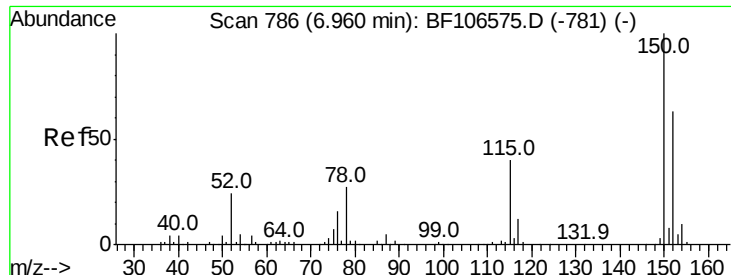
Instrument :
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#1

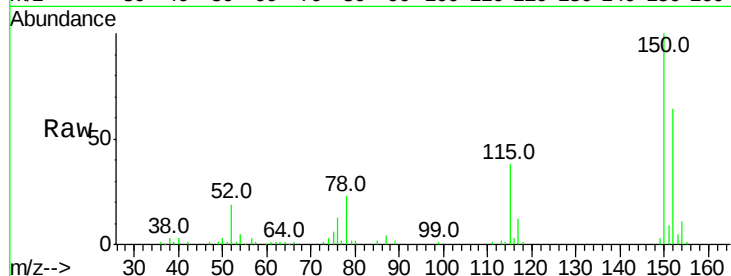
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106743.D
Acq: 23 Jun 2018 7:20

Instrument :
BNA_F
ClientSampleId :
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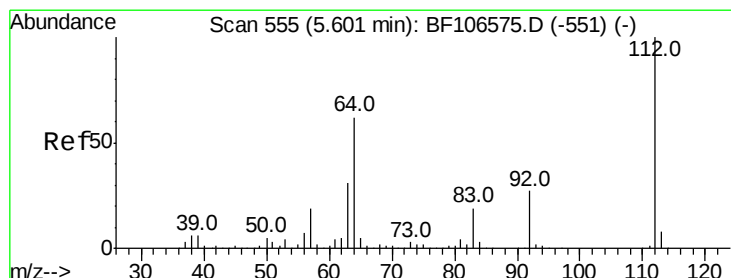
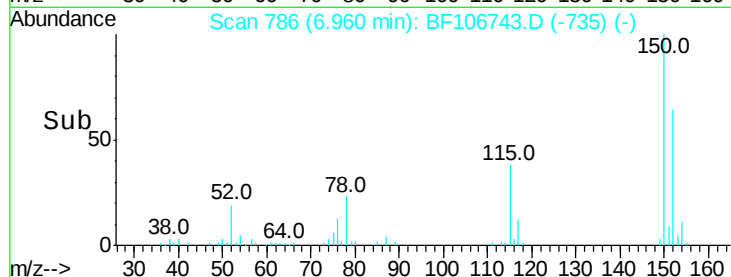
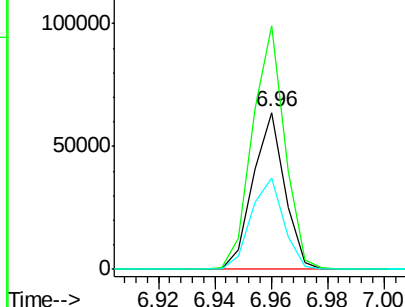
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	58.4	50.1	75.1

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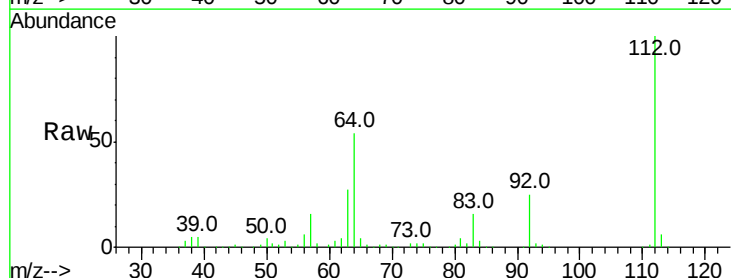
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



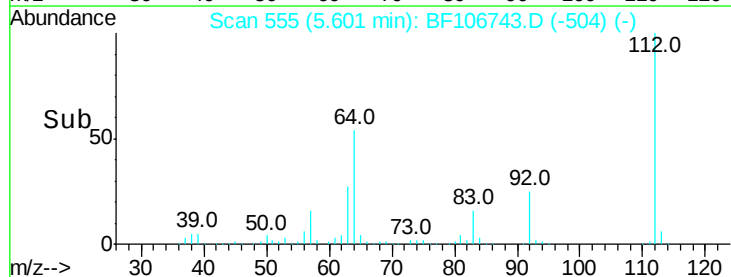
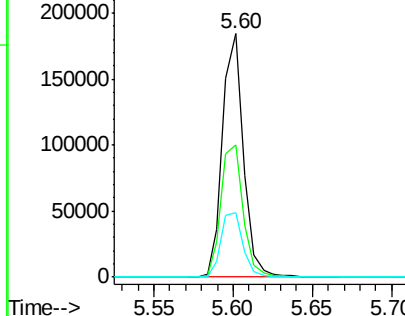
#5

2-Fluorophenol
Concen: 57.499 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106743.D
Acq: 23 Jun 2018 7:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	26.7	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: 55.908 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106743.D

Acq: 23 Jun 2018 7:20

Instrument :

BNA_F

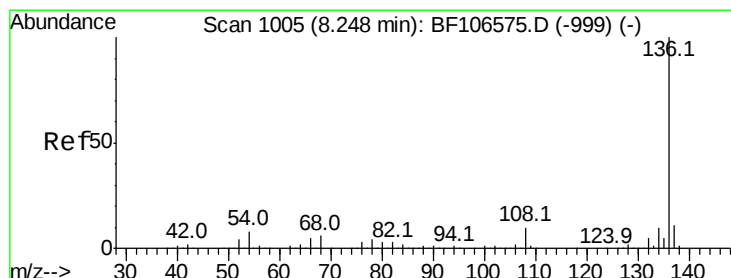
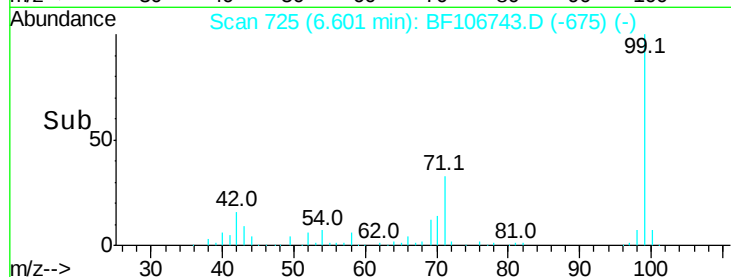
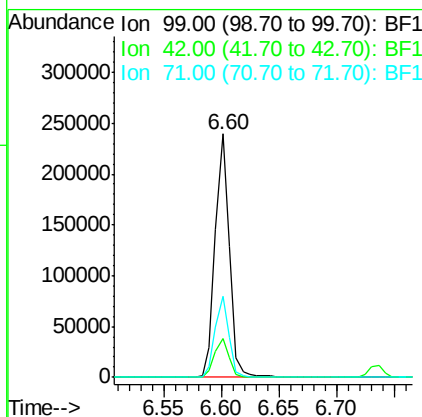
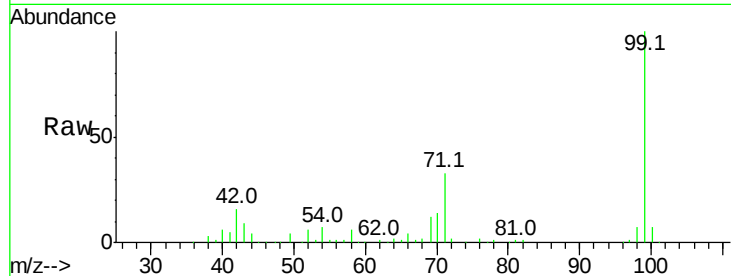
ClientSampleId :

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Tot Ion:	99	Resp:	204844
Ion Ratio	Lower	Upper	
99	100		
42	16.1	14.5	21.7
71	33.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

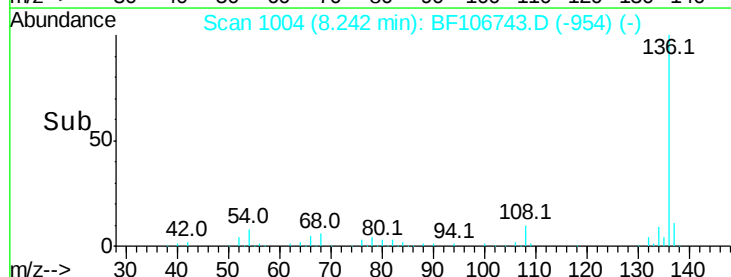
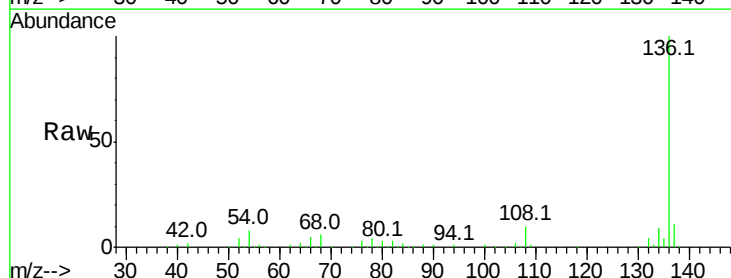
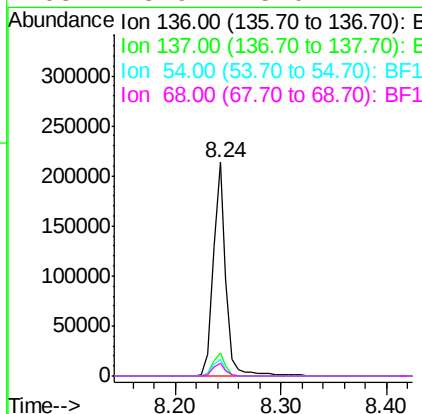
RT: 8.24 min Scan# 1004

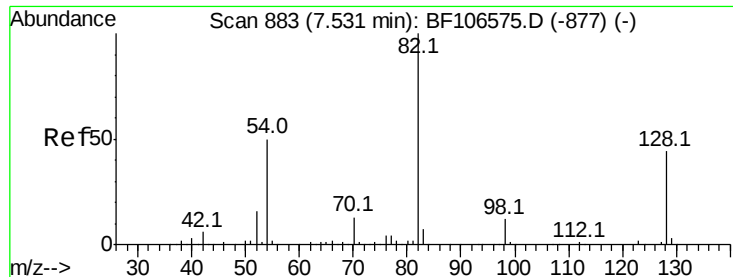
Delta R.T. -0.01 min

Lab File: BF106743.D

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Tgt Ion:	136	Resp:	179241
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	7.8	6.6	9.8
68	5.9	5.0	7.4





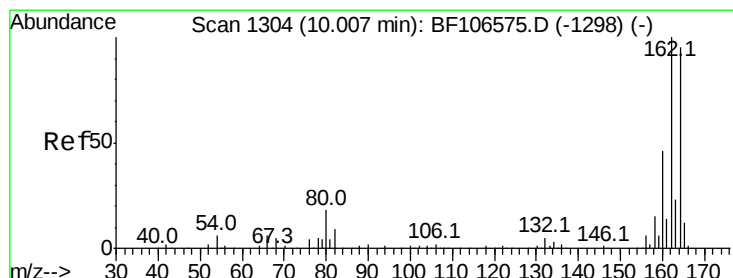
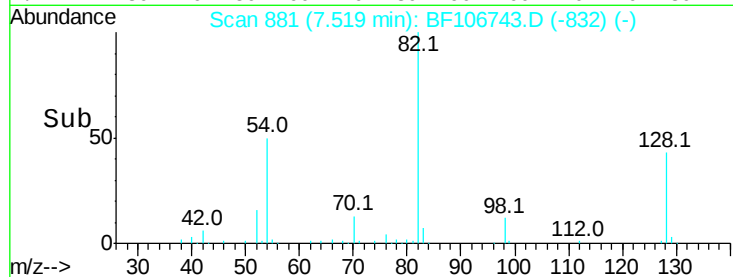
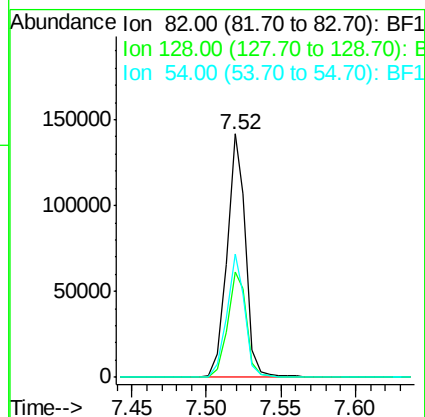
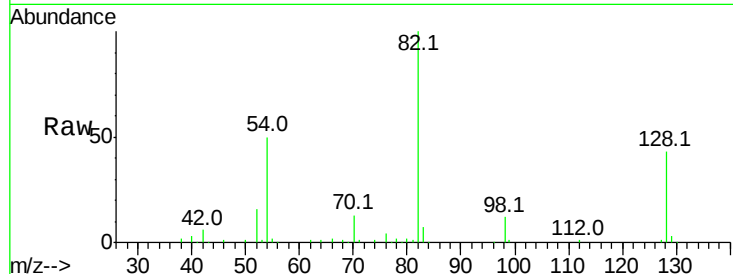
#23
Nitrobenzene-d5
Concen: 38.756 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106743.D
Acq: 23 Jun 2018 7:20

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.4	36.1	54.1	
54	50.4	41.4	62.2	

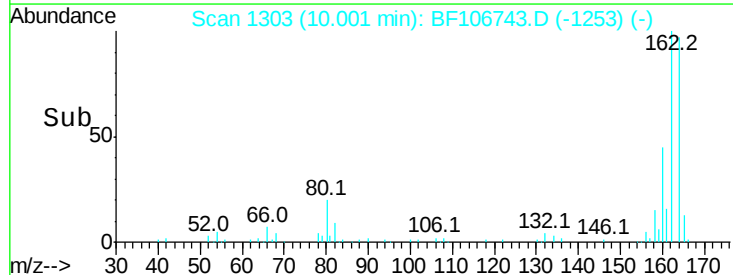
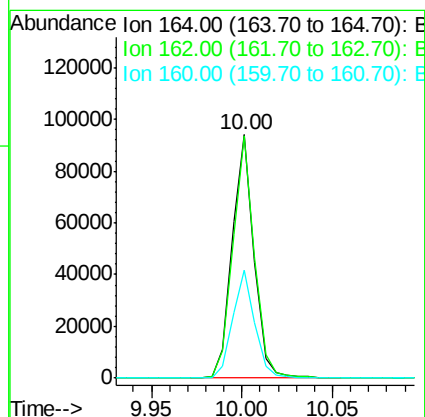
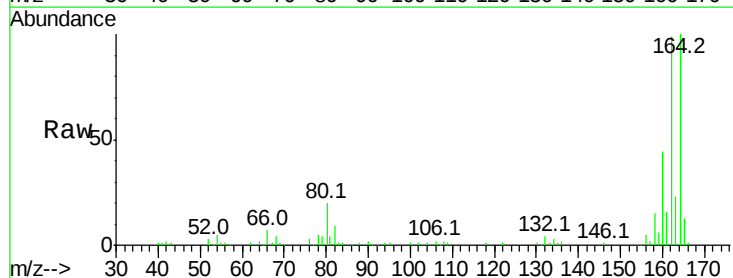
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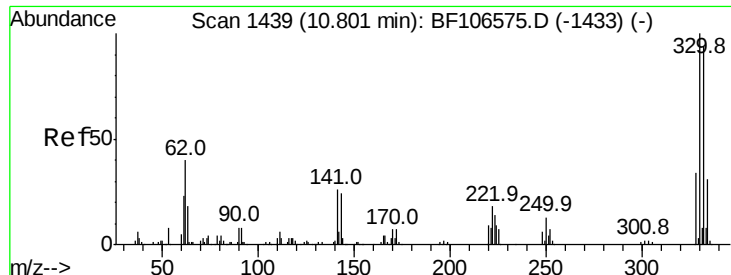
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106743.D
Acq: 23 Jun 2018 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.4	86.1	129.1	
160	44.2	38.3	57.5	





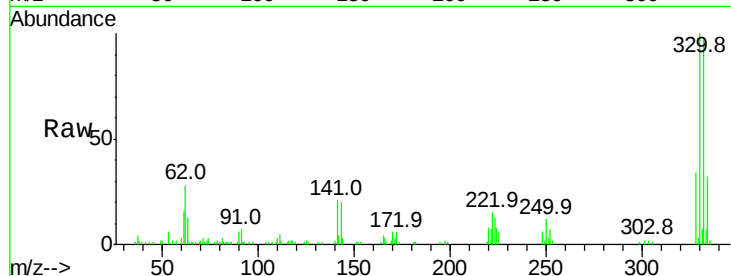
#41
 2,4,6-Tribromophenol
 Concen: 56.245 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106743.D
 Acq: 23 Jun 2018 7:20

Instrument :
 BNA_F
 ClientSampleId :
 SSP-B-COMPOSITE

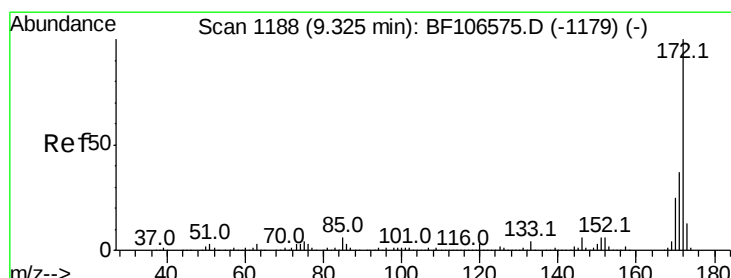
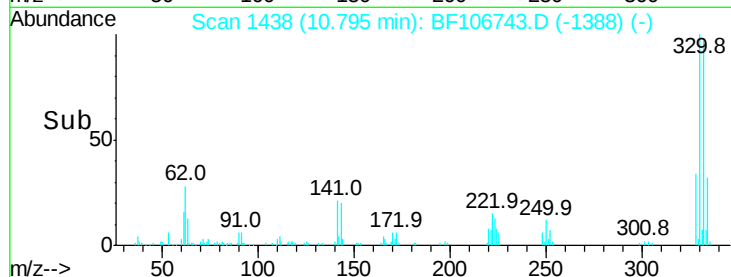
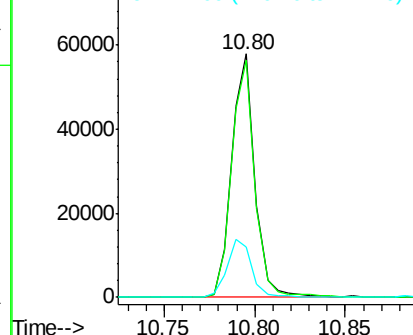
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	77.0	115.6	
141	25.2	29.9	44.9	

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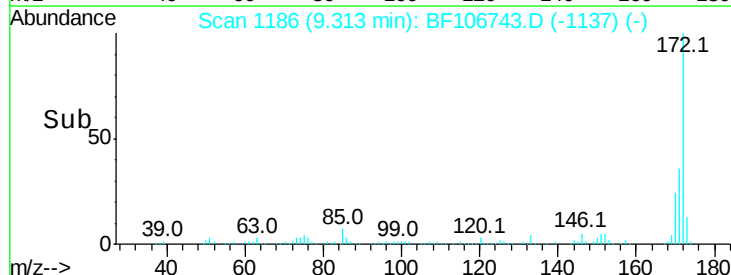
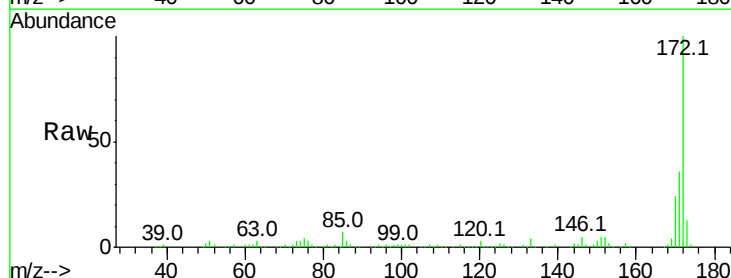
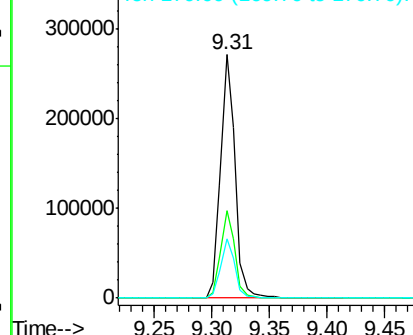
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

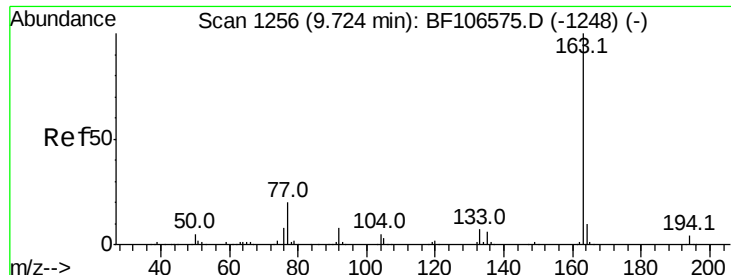


#44
 2-Fluorobiphenyl
 Concen: 43.578 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106743.D
 Acq: 23 Jun 2018 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.7	44.5	
170	24.2	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





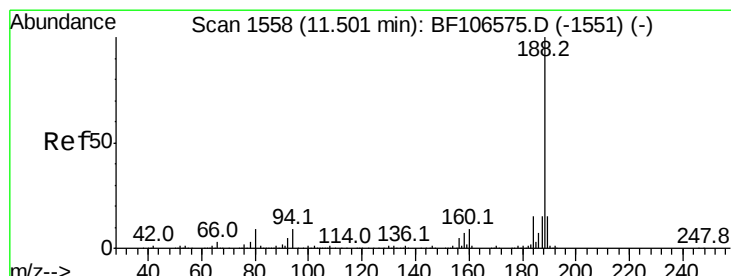
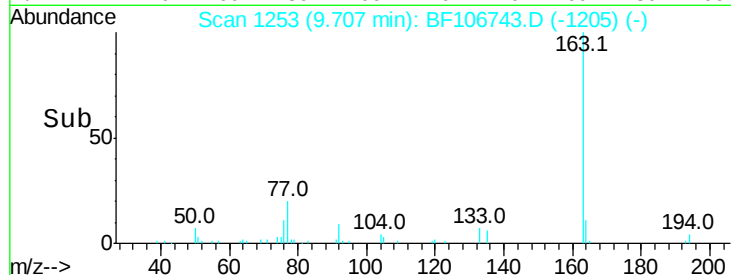
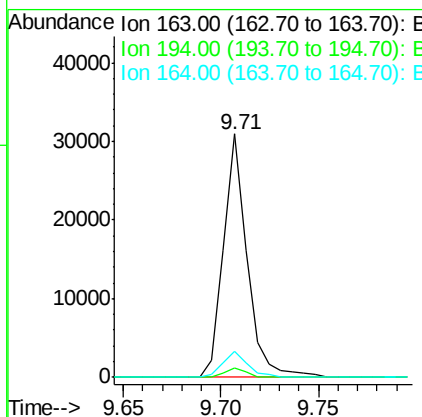
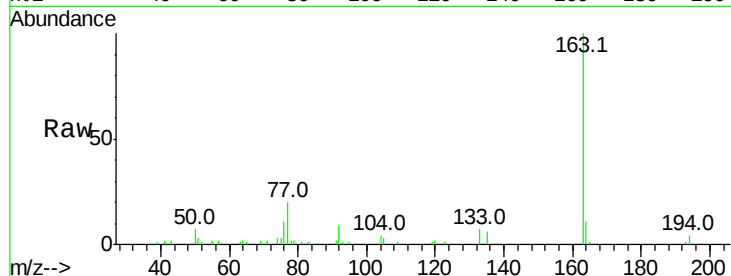
#49
Dimethylphthalate
Concen: 4.410 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106743.D
Acq: 23 Jun 2018 7:20

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BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	26087		
194	3.7		2.7	4.1
164	10.8		8.2	12.2

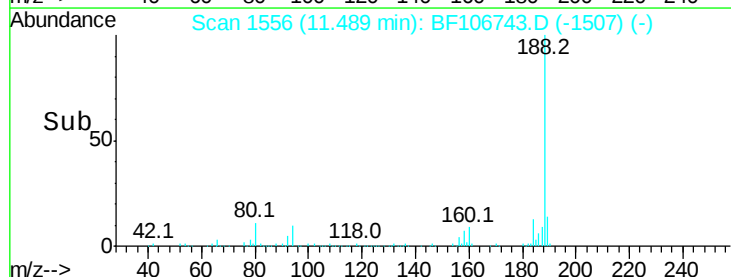
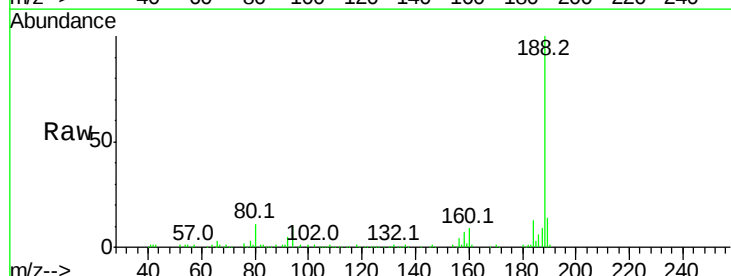
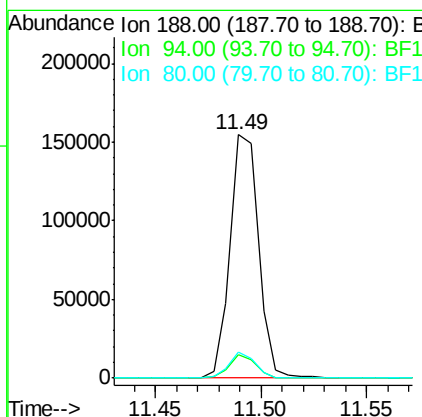
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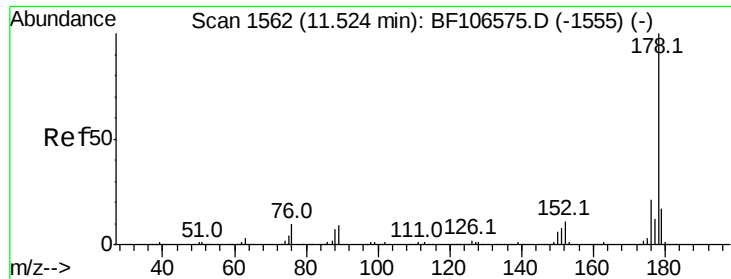
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106743.D
Acq: 23 Jun 2018 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	144216		
94	9.5		8.5	12.7
80	10.5		9.2	13.8





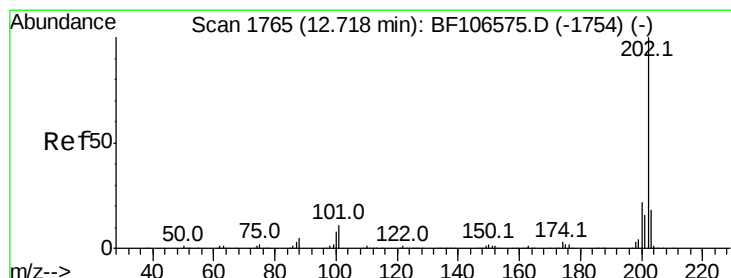
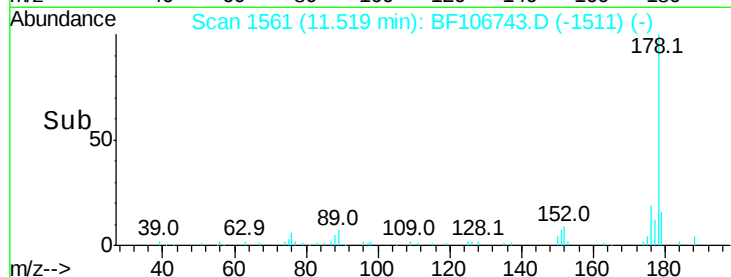
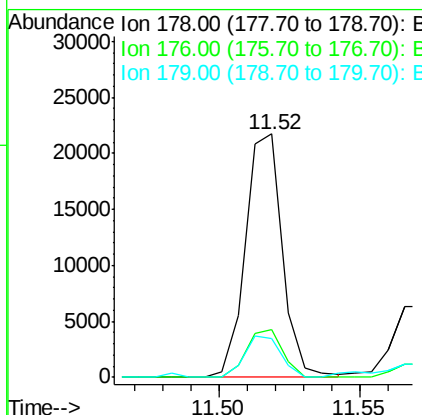
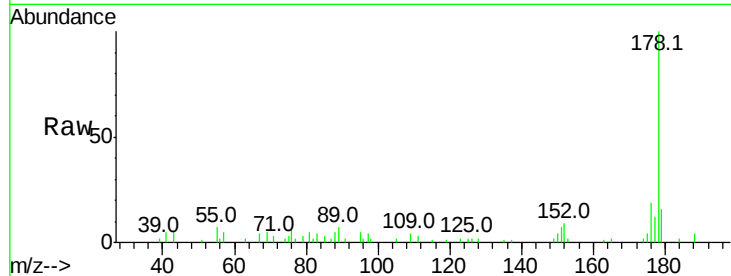
#70
Phenanthrene
Concen: 2.832 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106743.D
Acq: 23 Jun 2018 7:20

Instrument :
BNA_F
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SSP-B-COMPOSITE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.0	13.0	19.6

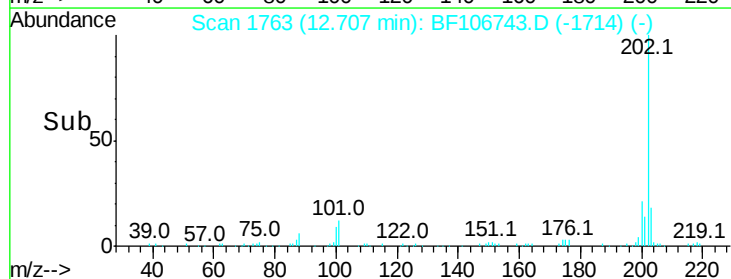
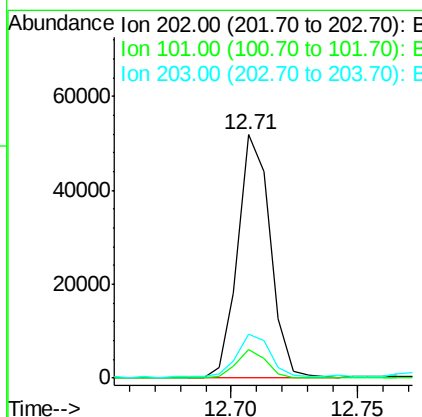
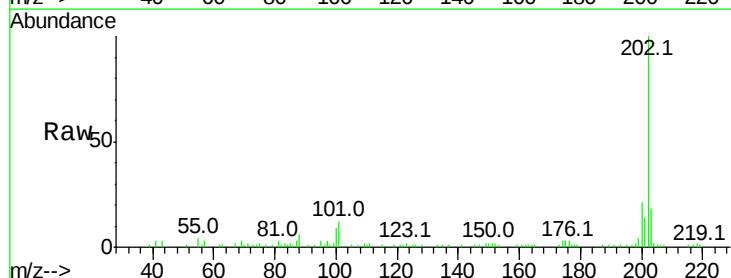
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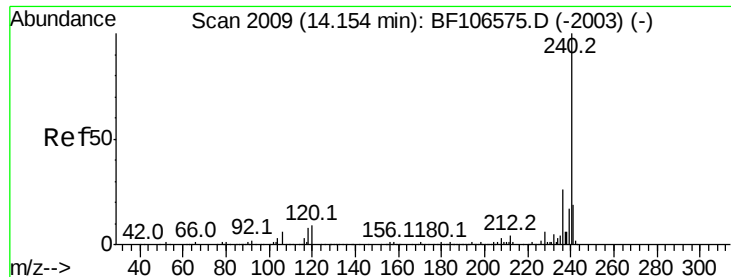
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#74
Fluoranthene
Concen: 6.040 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106743.D
Acq: 23 Jun 2018 7:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106743.D

Acq: 23 Jun 2018 7:20

Instrument :

BNA_F

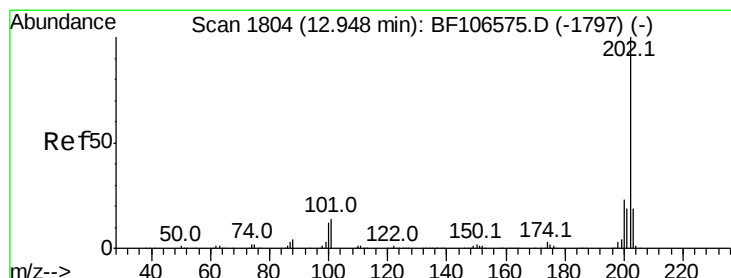
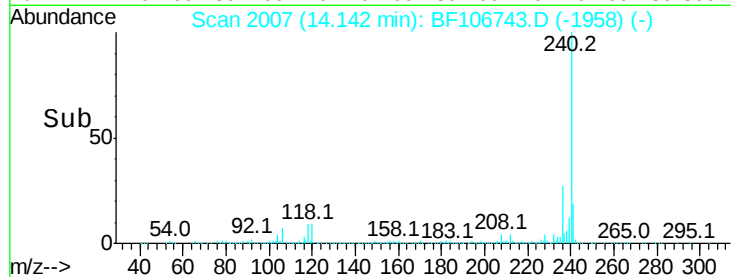
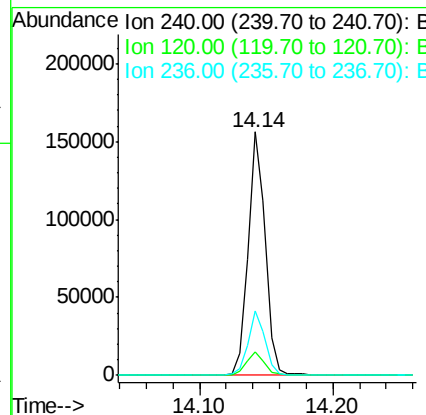
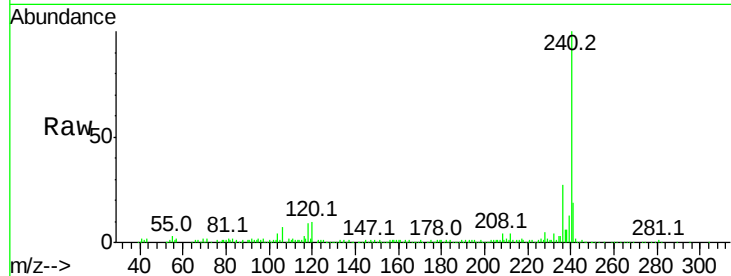
ClientSampleId :

SSP-B-COMPOSITE

Tot Ion:	240	Resp:	137973
Ion Ratio	Lower	Upper	
240	100		
120	9.6	9.5	14.3
236	26.6	20.7	31.1

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#77

Pyrene

Concen: 5.211 ng

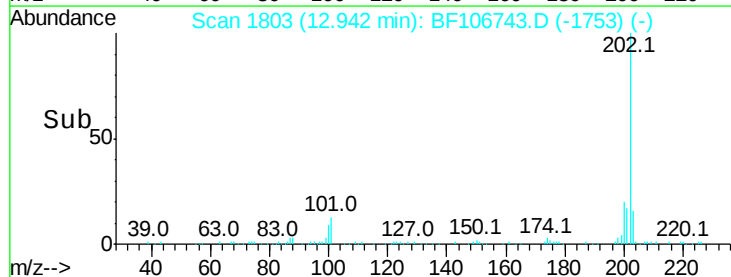
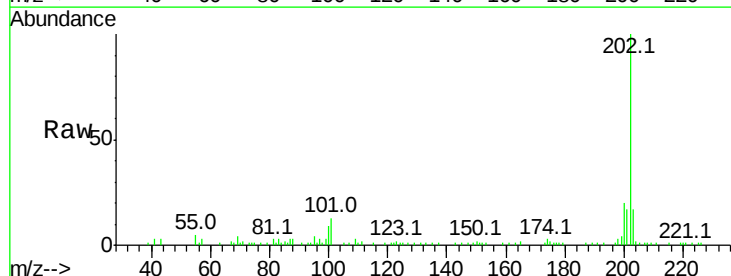
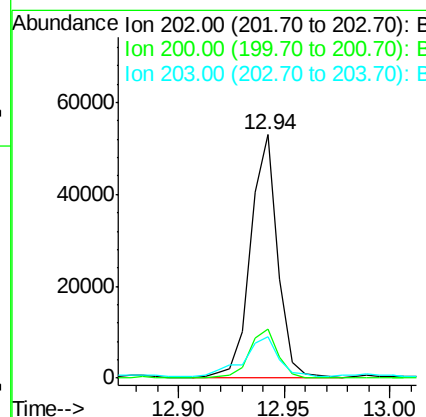
RT: 12.94 min Scan# 1803

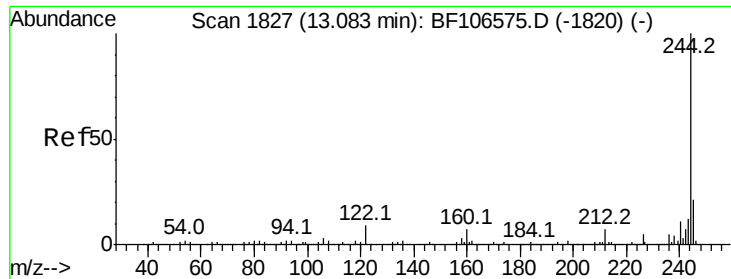
Delta R.T. -0.01 min

Lab File: BF106743.D

Acq: 23 Jun 2018 7:20

Tgt Ion:	202	Resp:	47414
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.4	26.2
203	17.1	14.3	21.5





#78

Terphenyl-d14

Concen: 46.419 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106743.D

Acq: 23 Jun 2018 7:20

Instrument :

BNA_F

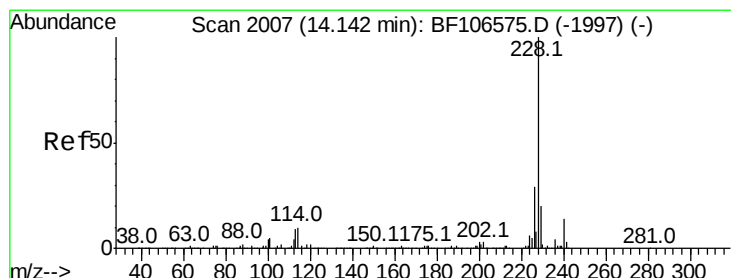
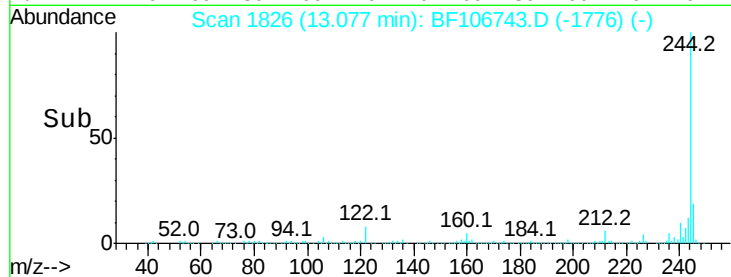
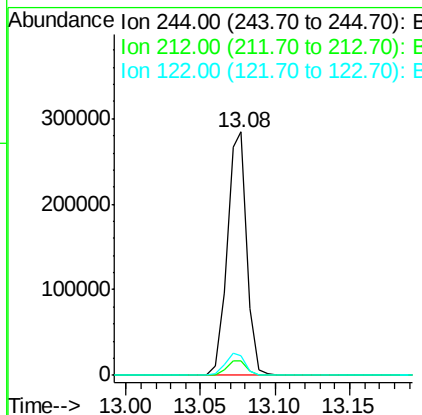
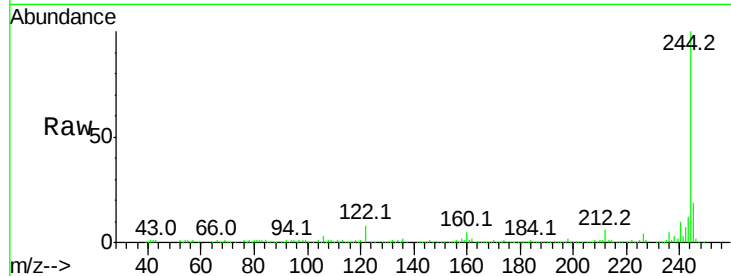
ClientSampleId :

SSP-B-COMPOSITE

Tot Ion:	244	Resp:	264398
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.4	8.0
122	8.0	11.0	16.4#

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#80

Benzo(a)anthracene

Concen: 3.023 ng

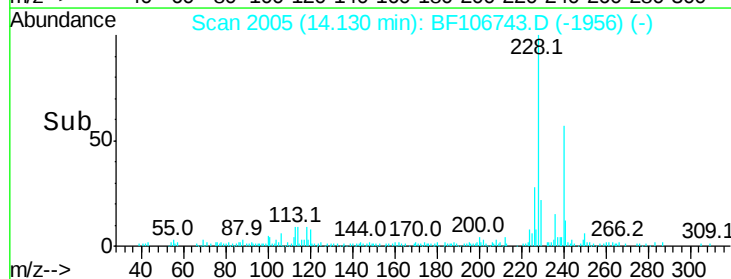
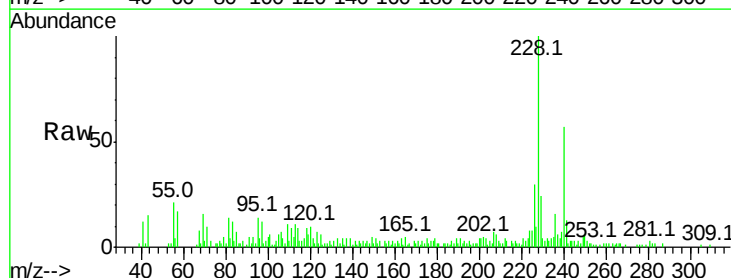
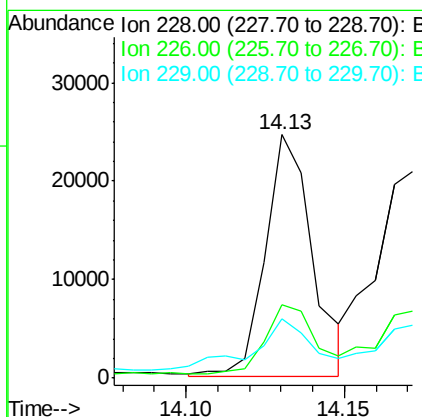
RT: 14.13 min Scan# 2005

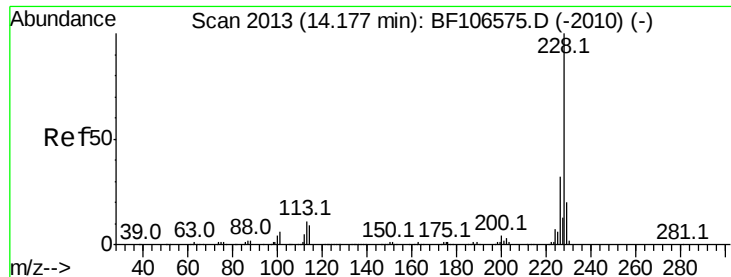
Delta R.T. -0.01 min

Lab File: BF106743.D

Acq: 23 Jun 2018 7:20

Tgt Ion:	228	Resp:	25417
Ion Ratio	Lower	Upper	
228	100		
226	30.3	22.6	33.8
229	24.3	15.8	23.6#





#82

Chrysene

Concen: 2.990 ng/mL

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF106743.D

Acq: 23 Jun 2018 7:20

Instrument :

BNA_F

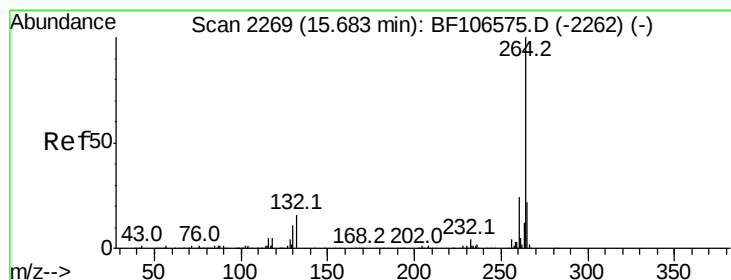
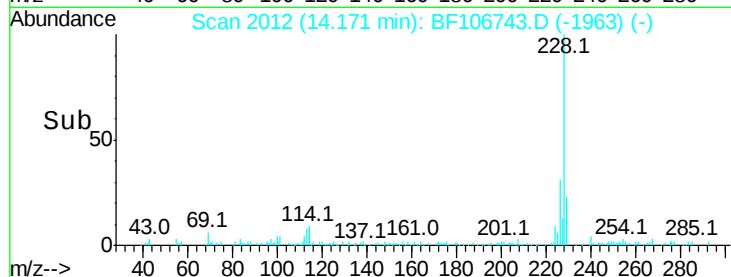
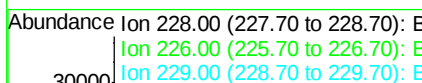
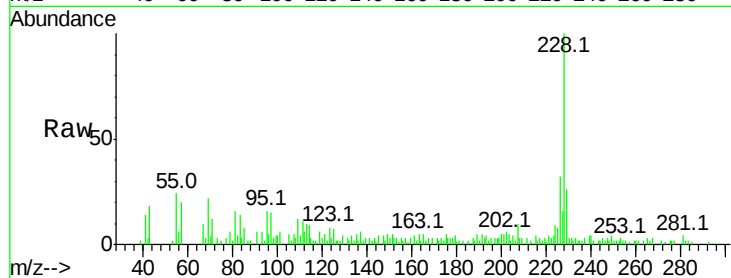
ClientSampleId :

SSP-B-COMPOSITE

Tot Ion:	228	Resp:	23132
Ion Ratio	Lower	Upper	
228	100		
226	32.4	25.0	37.6
229	25.6	16.2	24.4

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#86

Perylene-d12

Concen: 20.000 ng/mL

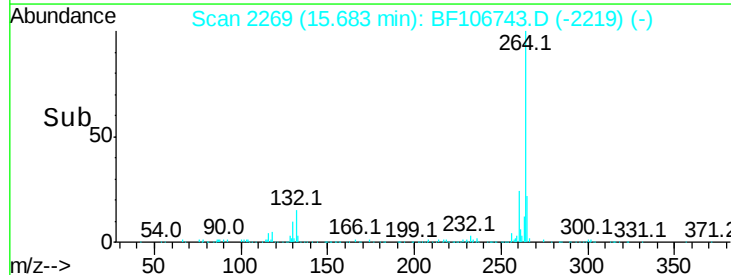
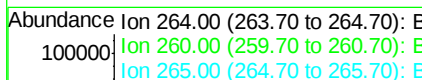
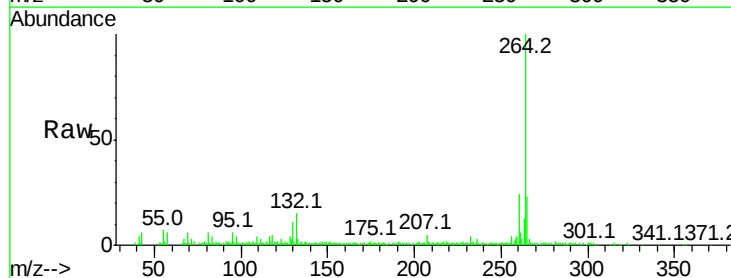
RT: 15.68 min Scan# 2269

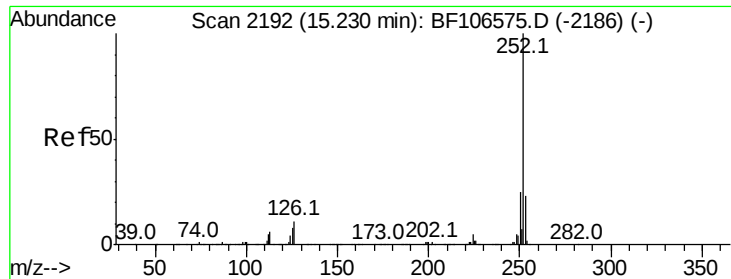
Delta R.T. -0.01 min

Lab File: BF106743.D

Acq: 23 Jun 2018 7:20

Tgt Ion:	264	Resp:	96661
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	22.7	17.5	26.3





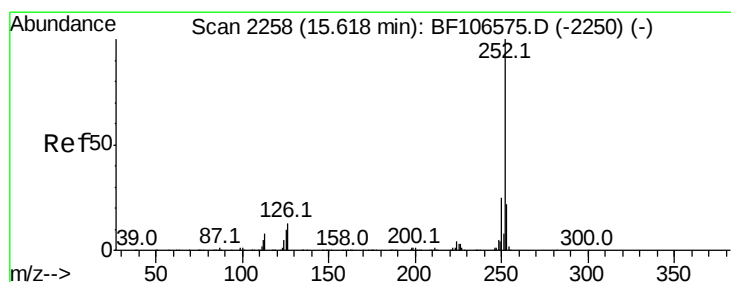
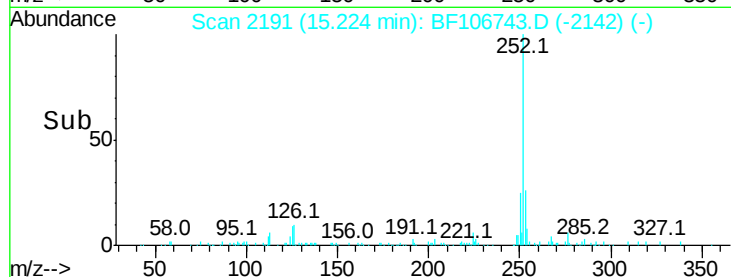
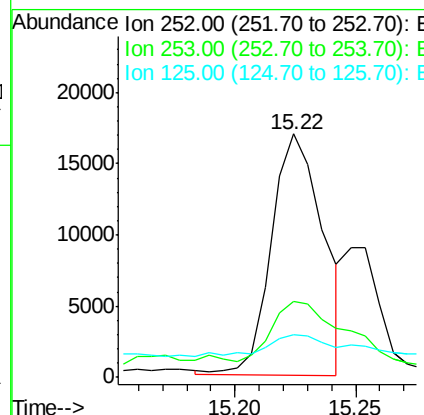
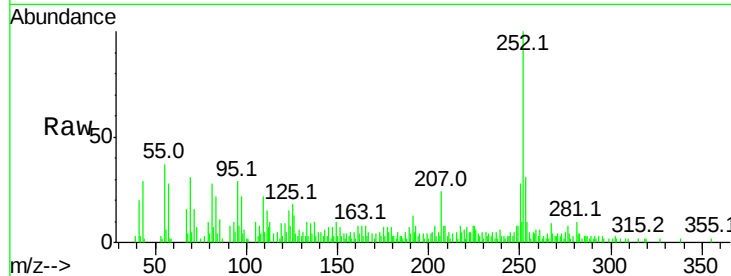
#87
Benzo(b)fluoranthene
Concen: 4.259 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106743.D
Acq: 23 Jun 2018 7:20

Instrument :
BNA_F
ClientSampleId :
SSP-B-COMPOSITE

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.3	17.0	25.6#
125	17.6	9.0	13.6#

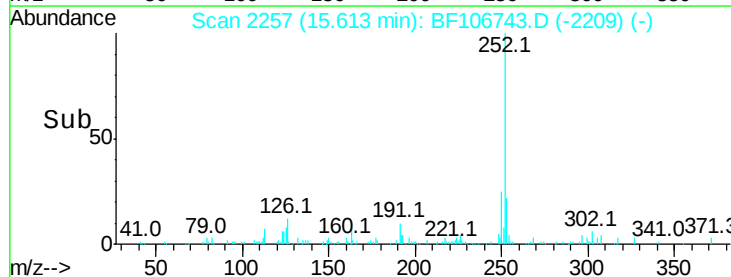
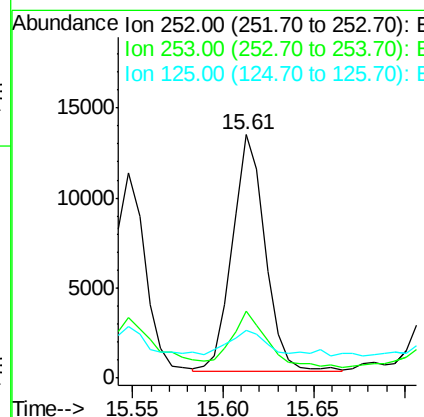
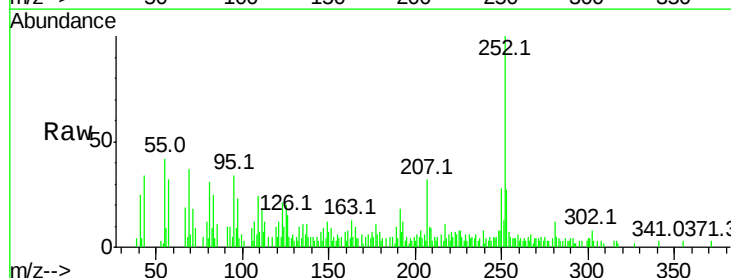
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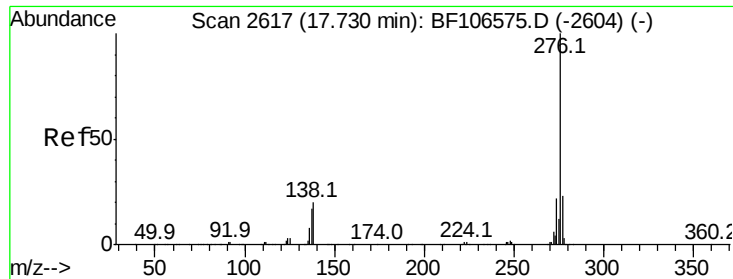
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#89
Benzo(a)pyrene
Concen: 3.086 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF106743.D
Acq: 23 Jun 2018 7:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.1	25.7#
125	19.5	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.937 ng
 RT: 17.73 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF106743.D
 Acq: 23 Jun 2018 7:20

Instrument :
 BNA_F
 ClientSampleId :
 SSP-B-COMPOSITE

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.0	17.9	26.9#
138	23.6	21.8	32.8

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