

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106343.D
 Acq On : 12 Jun 2018 14:40
 Operator : JU/SJ
 Sample : J3245-01 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-061118-A

Manual Integrations
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 6/13/2018 4:55:58 PM

Quant Time: Jun 13 01:55:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	179951	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	635736	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	261941	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	437738	20.00	ng	0.00
75) Chrysene-d12	14.15	240	504535	20.00	ng	0.00
86) Perylene-d12	15.71	264	481182	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	490372	46.12	ng	0.00
7) Phenol-d6	6.59	99	603128	44.90	ng	0.00
23) Nitrobenzene-d5	7.53	82	379827	35.15	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	114693	45.51	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	661375	35.25	ng	0.00
78) Terphenyl-d14	13.08	244	621834	30.61	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	97383	5.204	ng	99
70) Phenanthrene	11.52	178	56747	2.647	ng	98
74) Fluoranthene	12.71	202	154431	6.755	ng	97
77) Pyrene	12.95	202	155615	4.927	ng	99
80) Benzo(a)anthracene	14.14	228	102053	3.399	ng	93
82) Chrysene	14.18	228	107738	3.930	ng	96
83) Bis(2-ethylhexyl)phthalate	14.12	149	34062	2.009	ng	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	51439	2.351	ng	# 91
87) Benzo(b)fluoranthene	15.25	252	160537m	5.519	ng	
89) Benzo(a)pyrene	15.64	252	96256	3.679	ng	96
91) Benzo(g,h,i)perylene	17.74	276	49331	2.327	ng	96

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

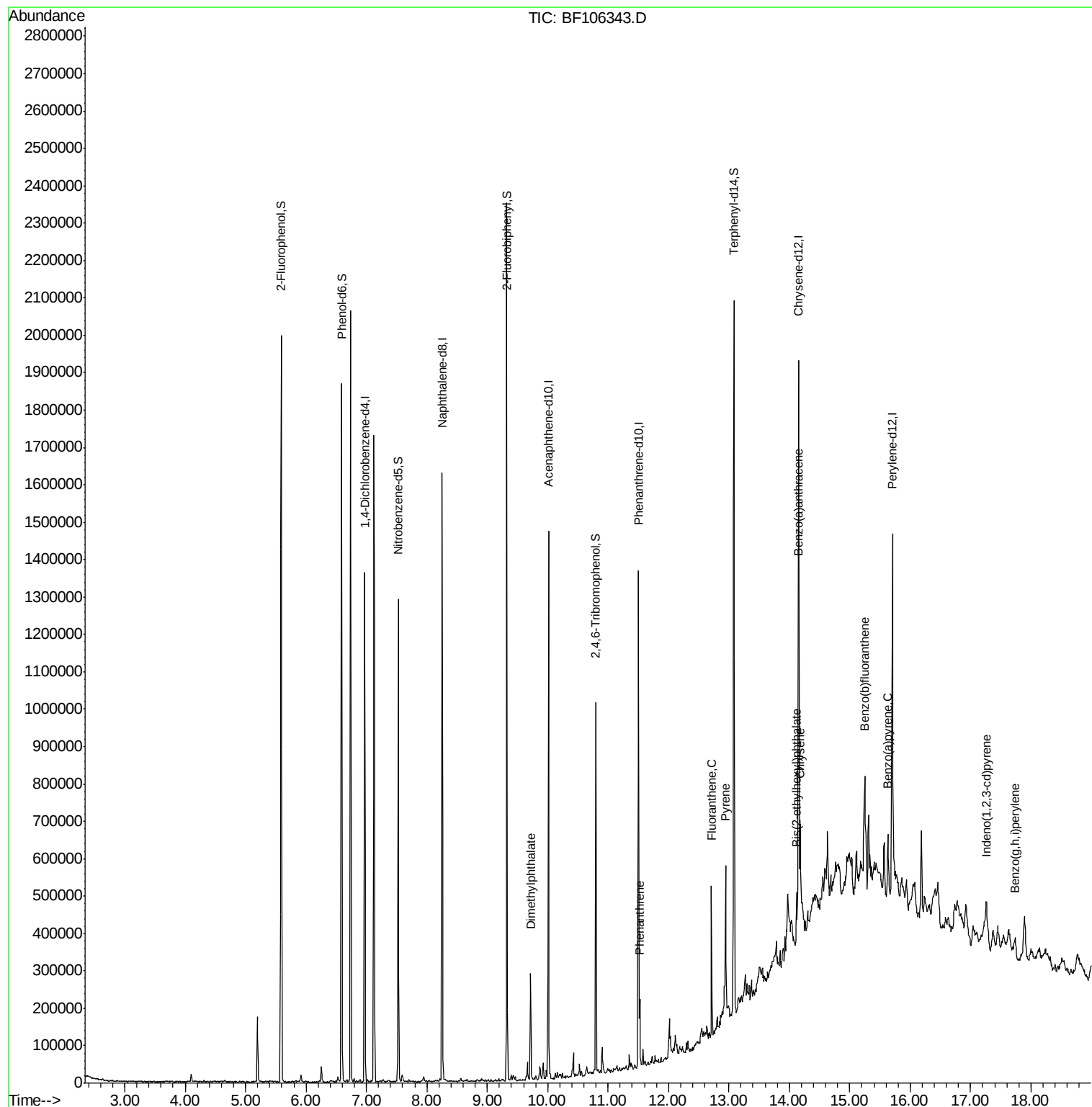
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106343.D
Acq On : 12 Jun 2018 14:40
Operator : JU/SJ
Sample : J3245-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

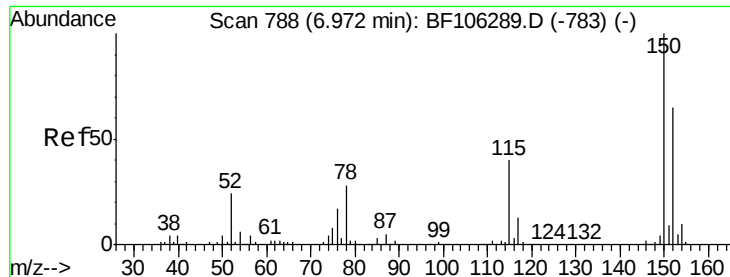
Instrument :
BNA_F
ClientSampleId :
CL-01-061118-A

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Quant Time: Jun 13 01:55:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
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#1

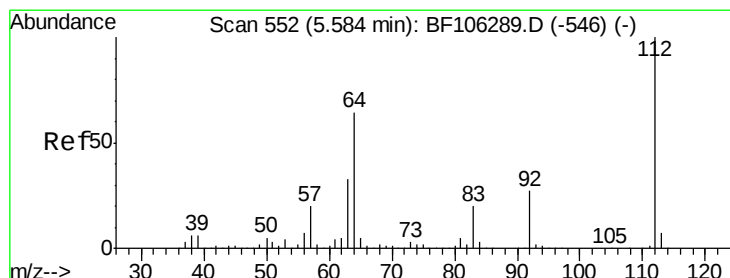
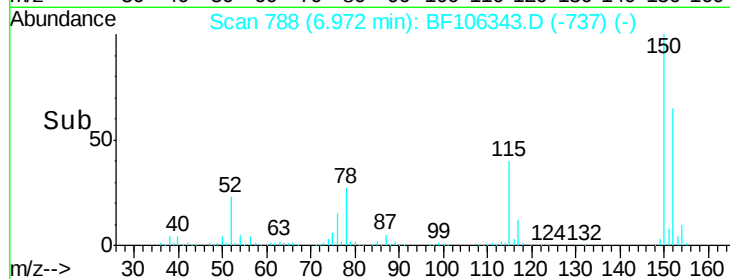
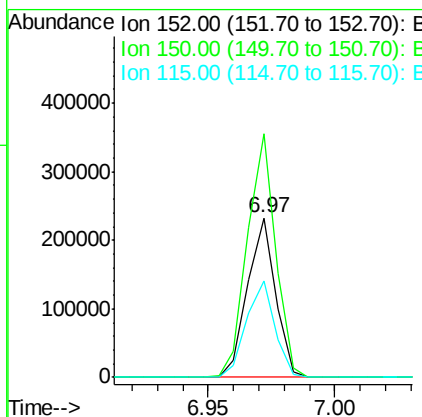
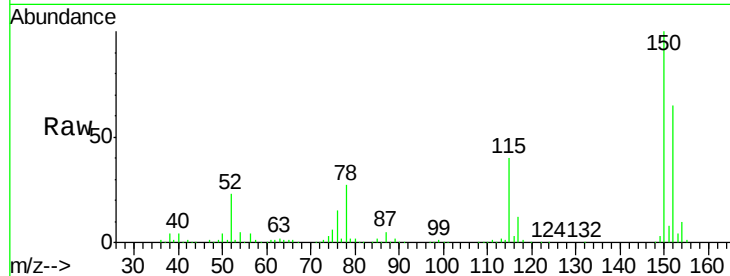
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106343.D
Acq: 12 Jun 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CL-01-061118-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	60.5	50.1	75.1

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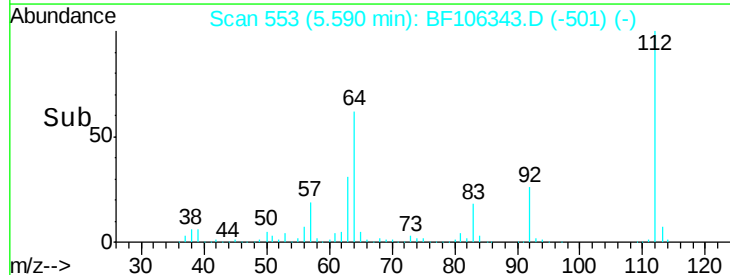
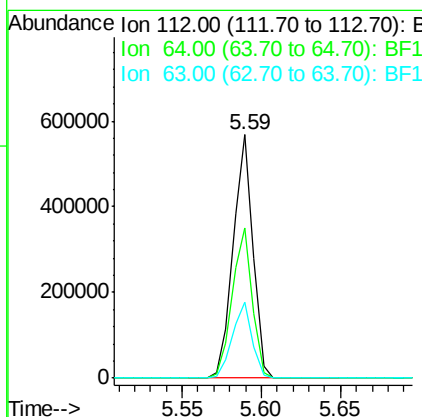
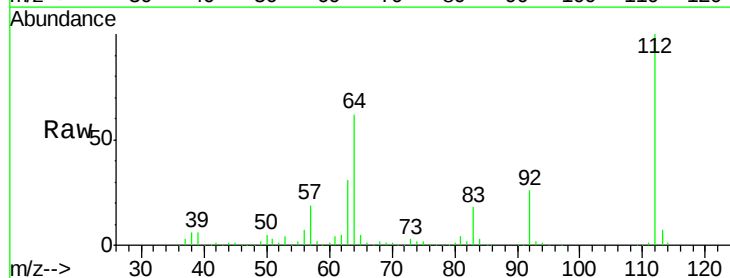
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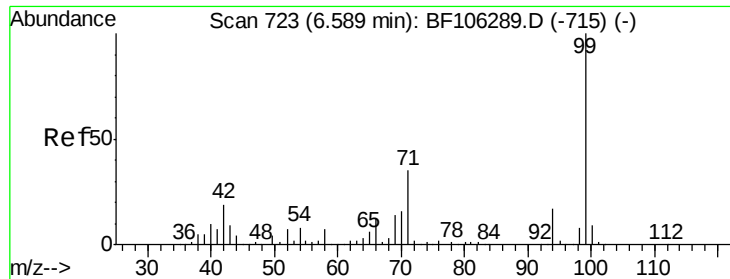


#5

2-Fluorophenol
Concen: 46.121 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106343.D
Acq: 12 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.9	71.9
63	31.3	23.7	35.5





#7

Phenol-d6

Concen: 44.899 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106343.D

Acq: 12 Jun 2018 14:40

Instrument :

BNA_F

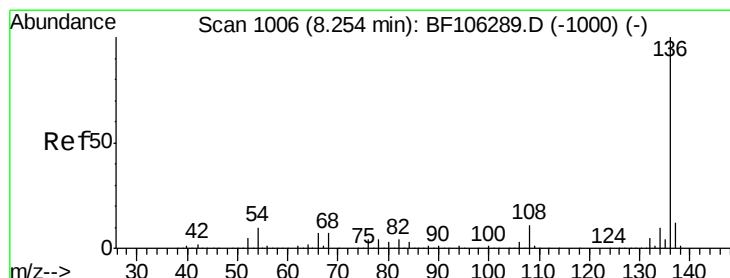
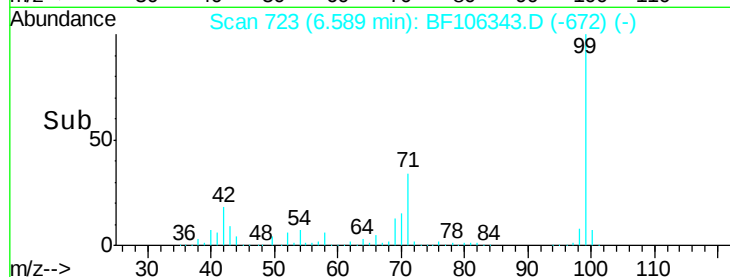
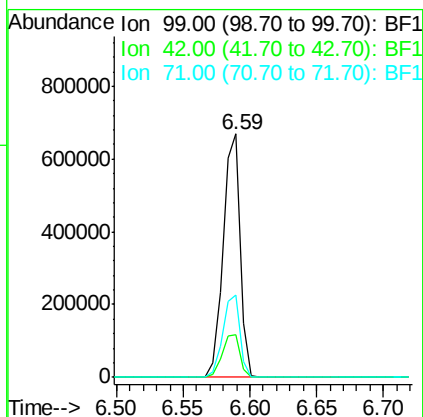
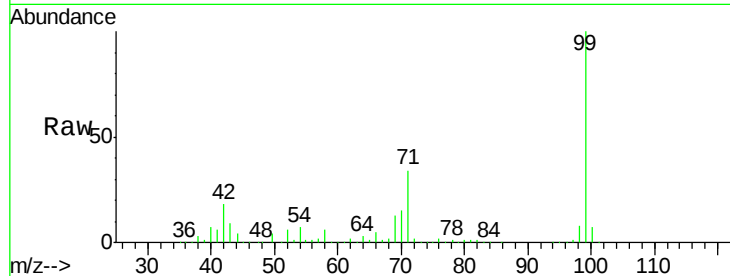
ClientSampleId :

CL-01-061118-A

Tot Ion:	99	Resp:	603128
Ion Ratio	Lower	Upper	
99	100		
42	17.7	14.5	21.7
71	33.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

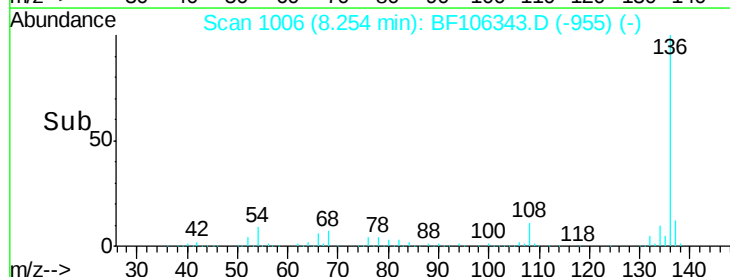
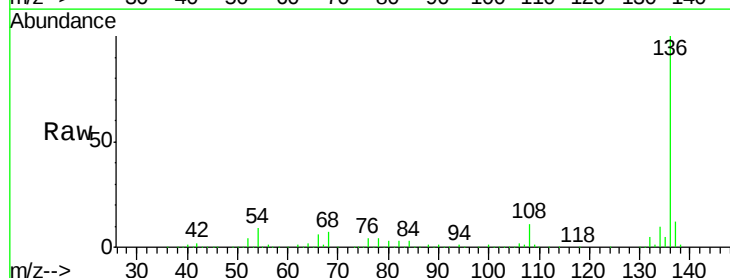
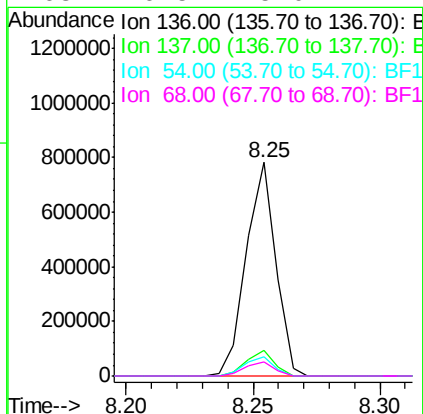
RT: 8.25 min Scan# 1006

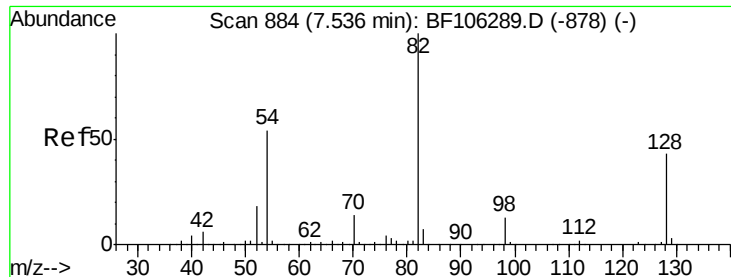
Delta R.T. 0.00 min

Lab File: BF106343.D

Acq: 12 Jun 2018 14:40

Tgt Ion:	136	Resp:	635736
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.9	13.3
54	9.1	6.6	9.8
68	6.5	5.0	7.4





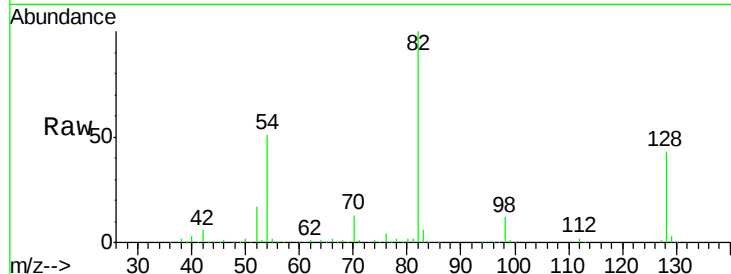
#23
Nitrobenzene-d5
Concen: 35.148 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106343.D
Acq: 12 Jun 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CL-01-061118-A

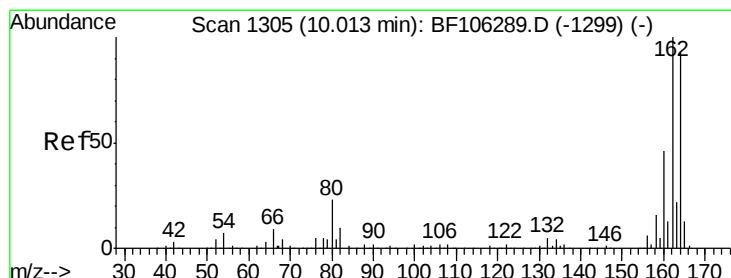
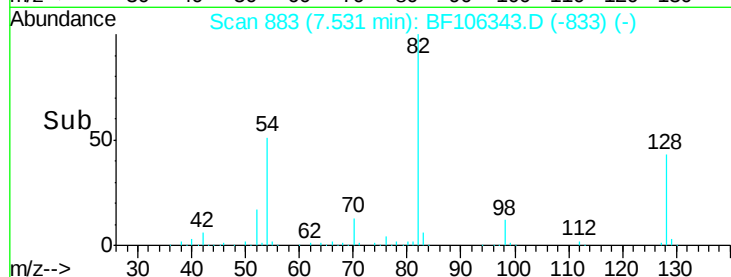
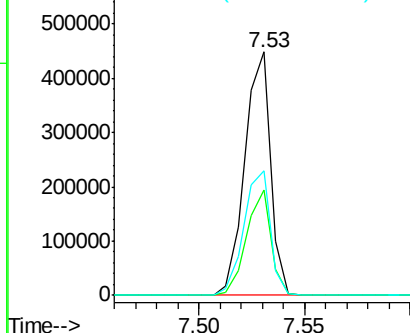
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	51.3	41.4	62.2

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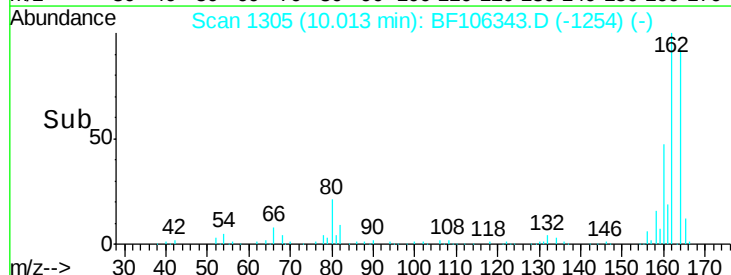
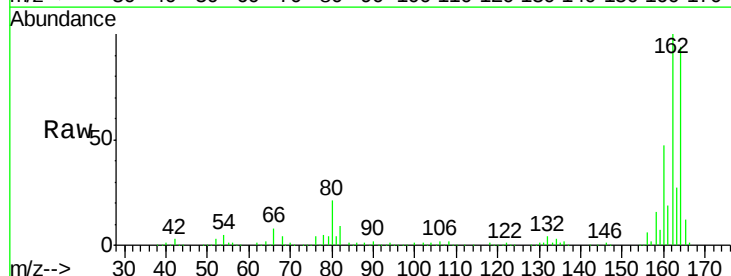
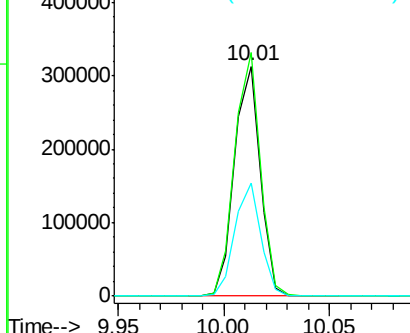
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

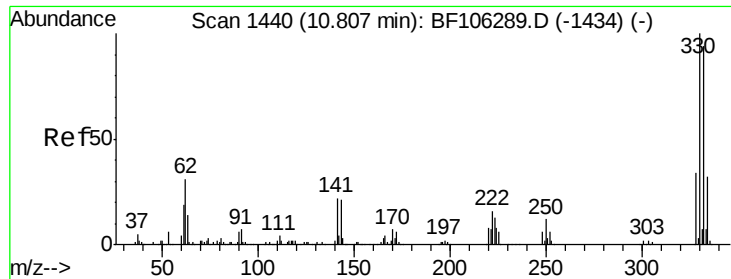


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106343.D
Acq: 12 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	49.3	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





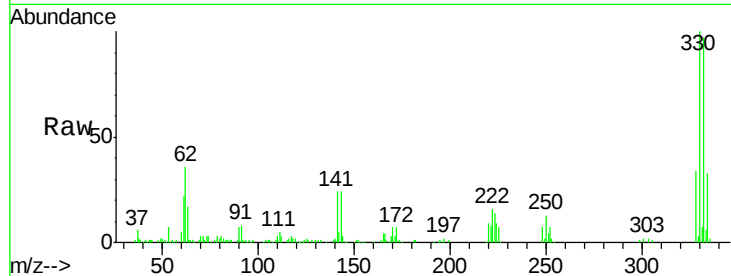
#41
 2,4,6-Tribromophenol
 Concen: 45.507 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106343.D
 Acq: 12 Jun 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-061118-A

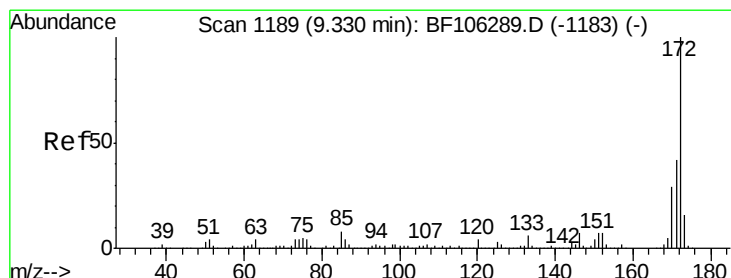
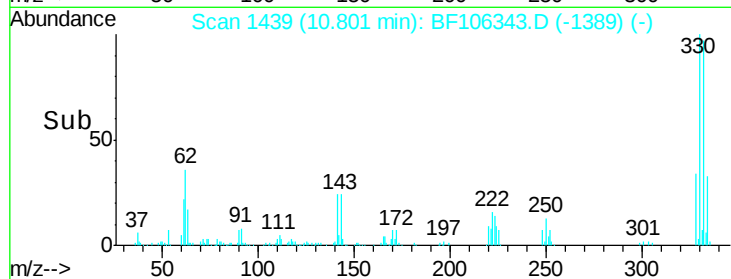
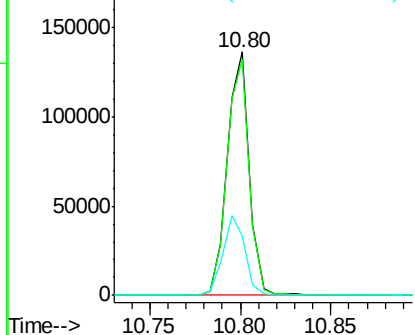
Tot Ion	Ratio	Resp	Lower	Upper
330	100	114693		
332	97.6	77.0	115.6	
141	32.9	29.9	44.9	

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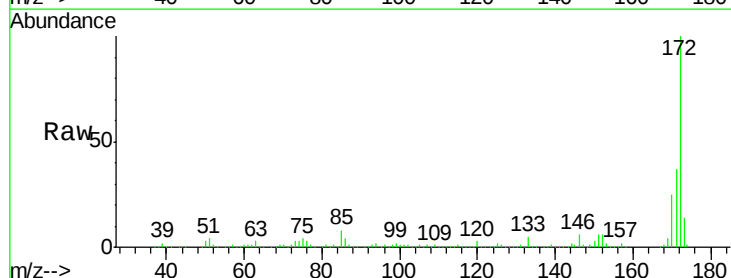


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

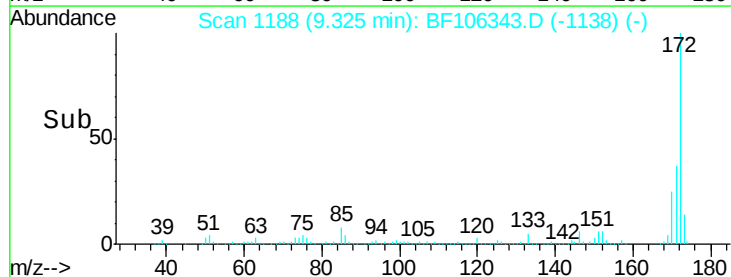
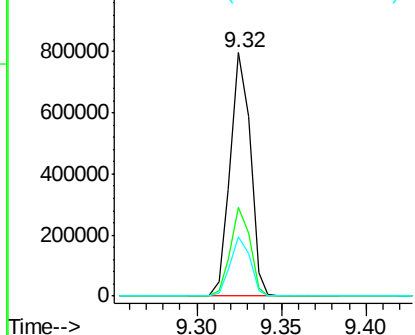


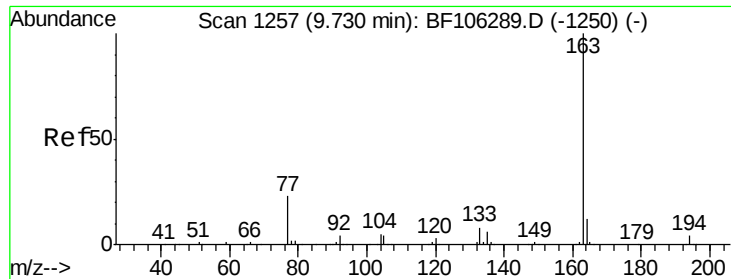
#44
 2-Fluorobiphenyl
 Concen: 35.248 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106343.D
 Acq: 12 Jun 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	661375		
171	36.7	29.7	44.5	
170	24.5	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





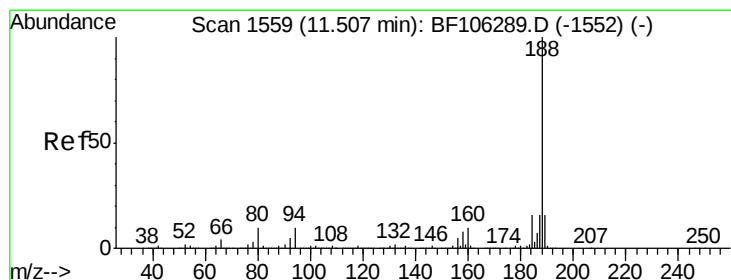
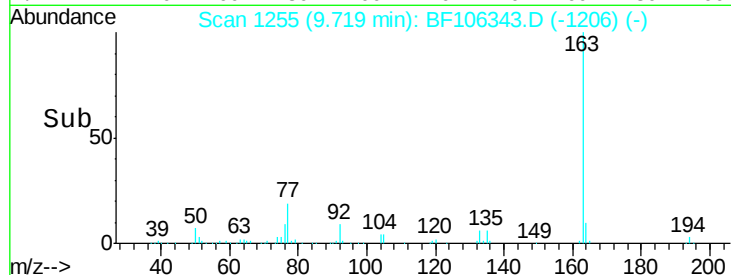
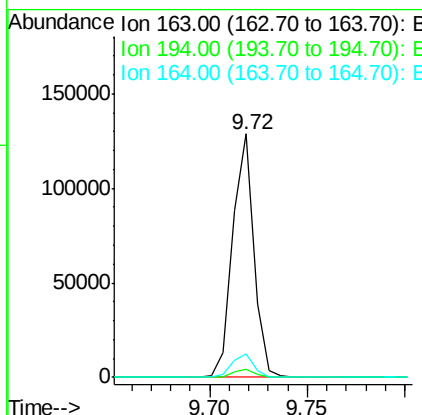
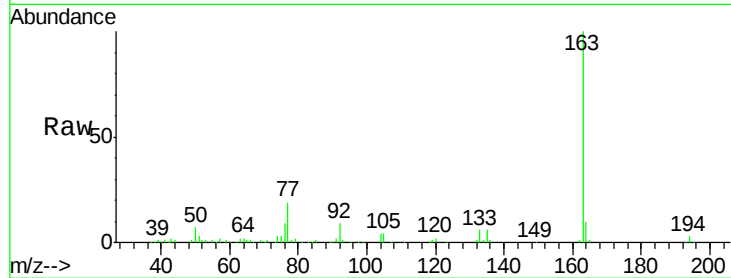
#49
Dimethylphthalate
Concen: 5.204 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106343.D
Acq: 12 Jun 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CL-01-061118-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.5	8.2	12.2

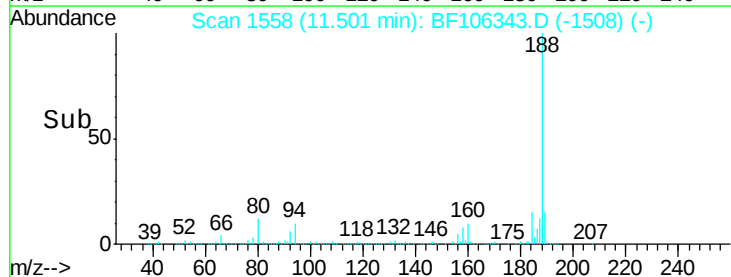
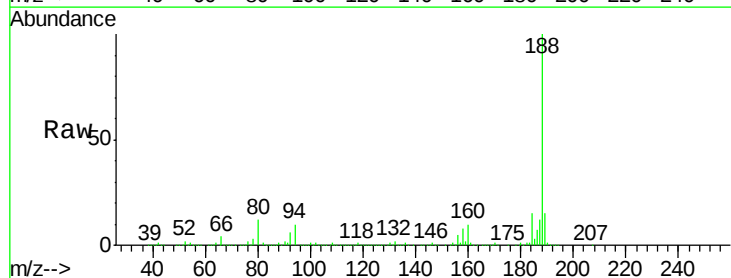
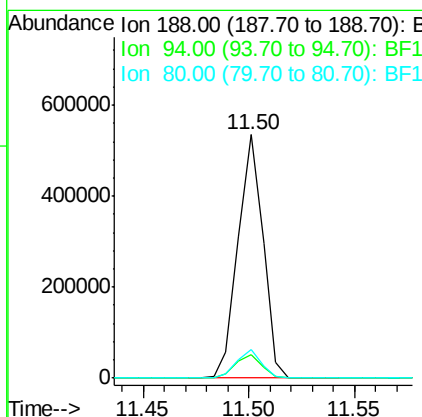
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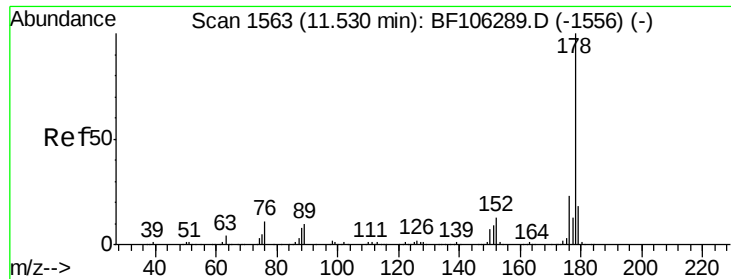
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106343.D
Acq: 12 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	11.5	9.2	13.8





#70

Phenanthrene

Concen: 2.647 ng

RT: 11.52 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BF106343.D

Acq: 12 Jun 2018 14:40

Instrument :

BNA_F

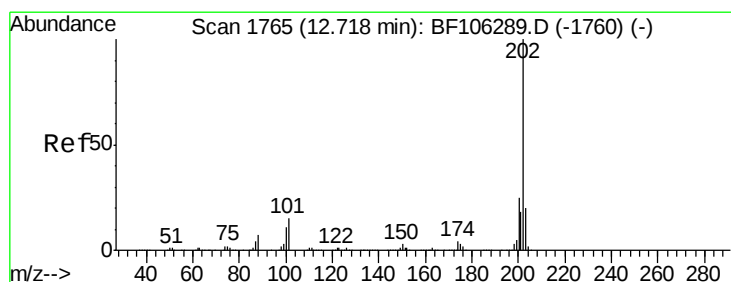
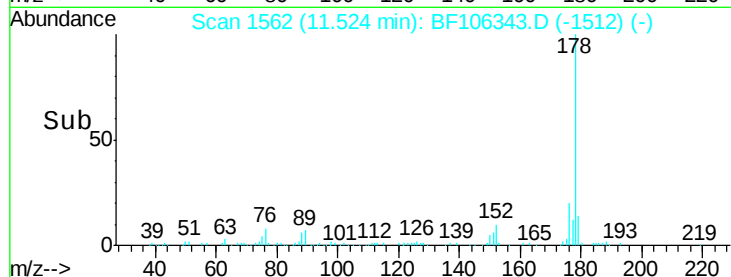
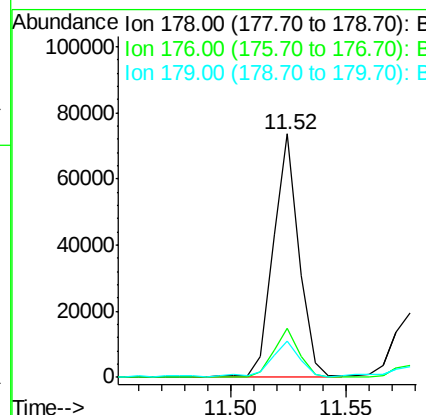
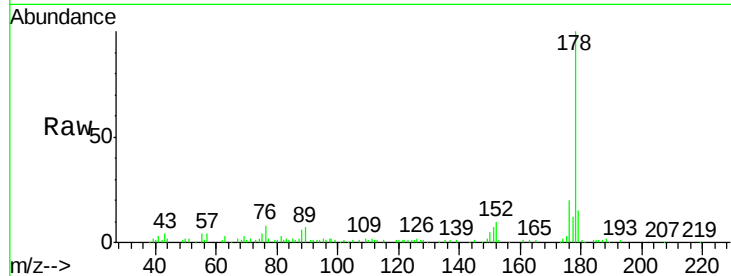
ClientSampleId :

CL-01-061118-A

Tot Ion:	178	Resp:	56747
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.8	23.8
179	14.7	13.0	19.6

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#74

Fluoranthene

Concen: 6.755 ng

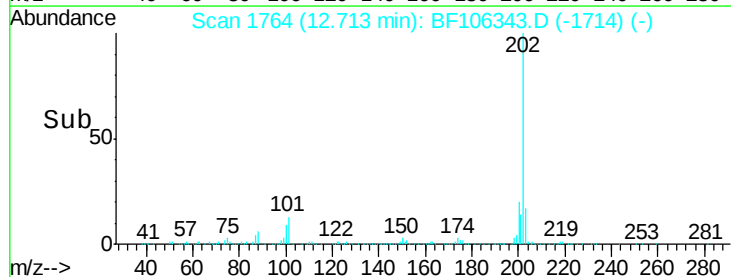
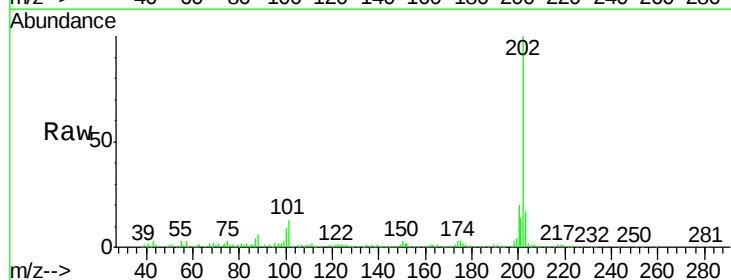
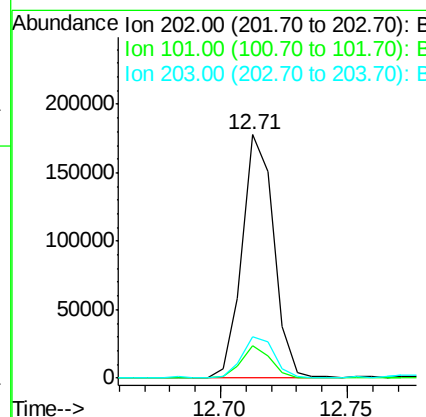
RT: 12.71 min Scan# 1764

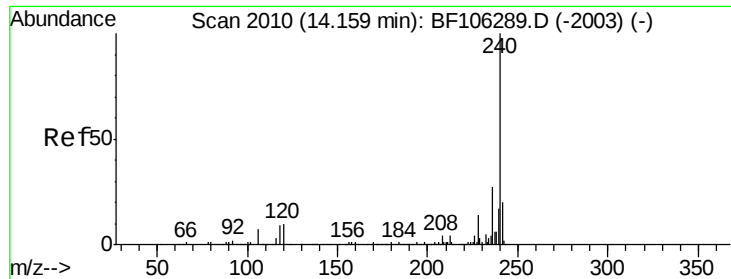
Delta R.T. -0.01 min

Lab File: BF106343.D

Acq: 12 Jun 2018 14:40

Tgt Ion:	202	Resp:	154431
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	34.1
203	16.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106343.D

Acq: 12 Jun 2018 14:40

Instrument :

BNA_F

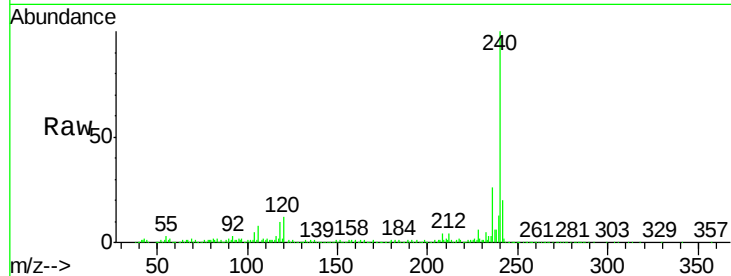
ClientSampleId :

CL-01-061118-A

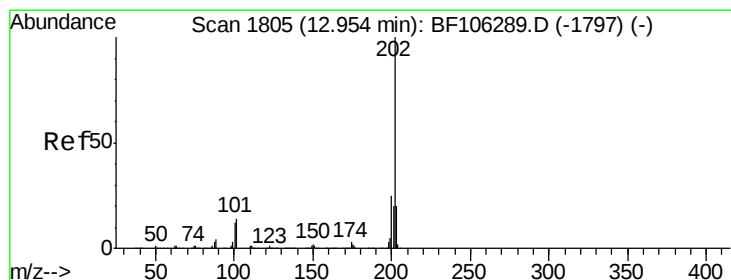
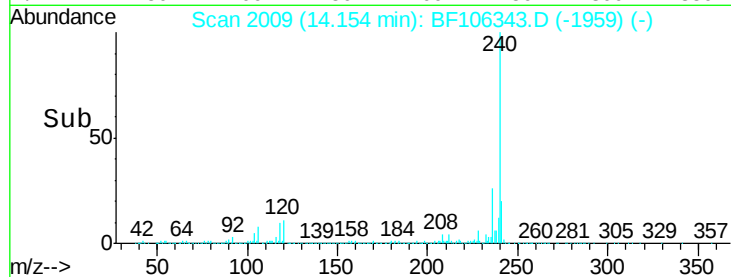
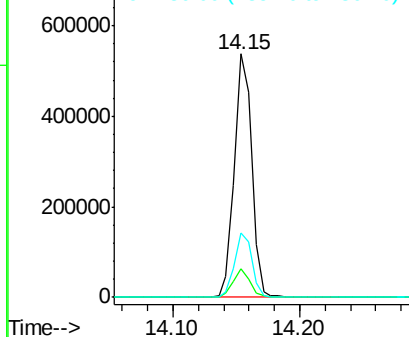
Tot Ion:	240	Resp:	504535
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	26.3	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.927 ng

RT: 12.95 min Scan# 1804

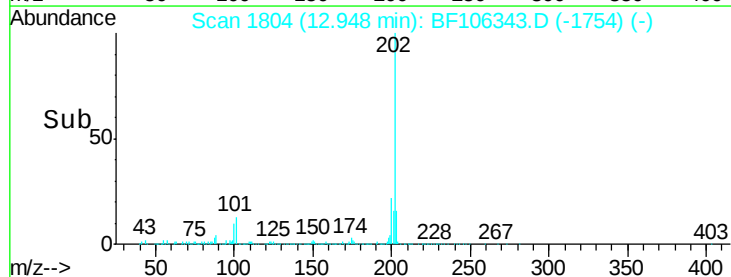
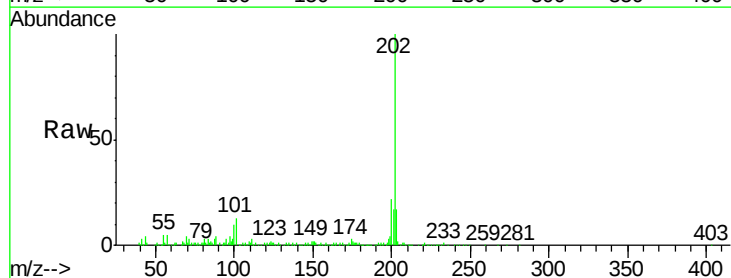
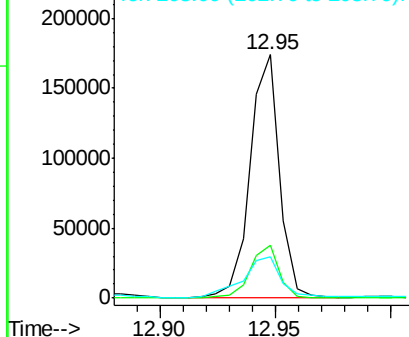
Delta R.T. -0.01 min

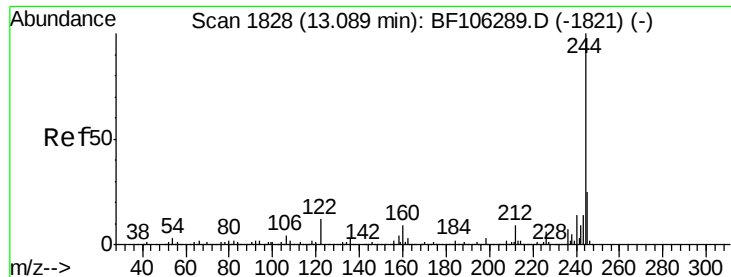
Lab File: BF106343.D

Acq: 12 Jun 2018 14:40

Tgt Ion:	202	Resp:	155615
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.2
203	16.9	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 30.612 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106343.D

Acq: 12 Jun 2018 14:40

Instrument :

BNA_F

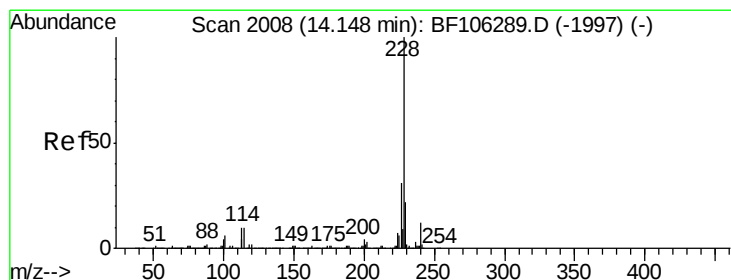
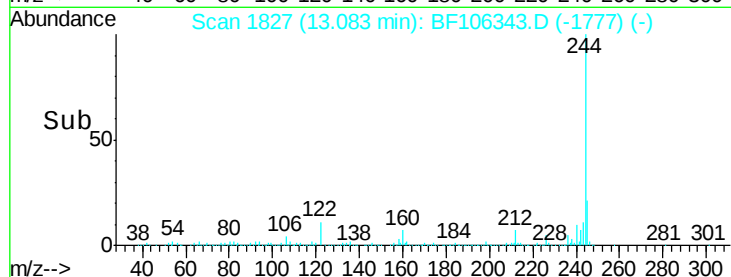
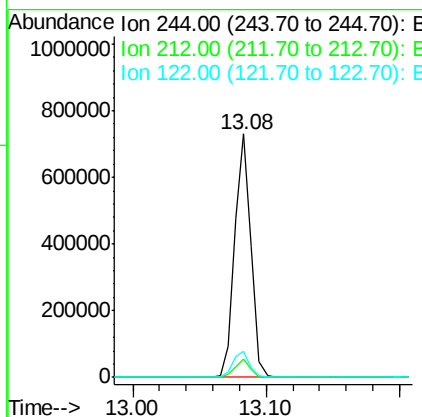
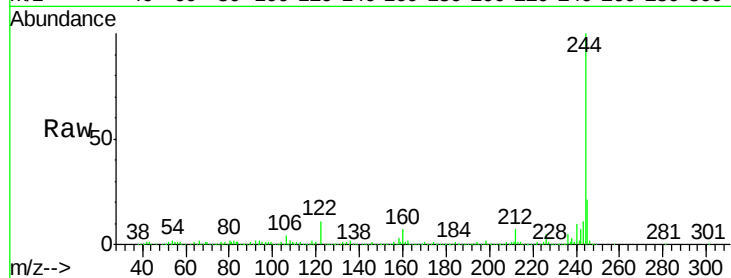
ClientSampleId :

CL-01-061118-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.7	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 3.399 ng

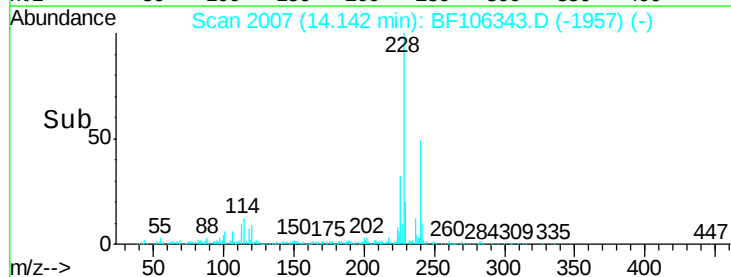
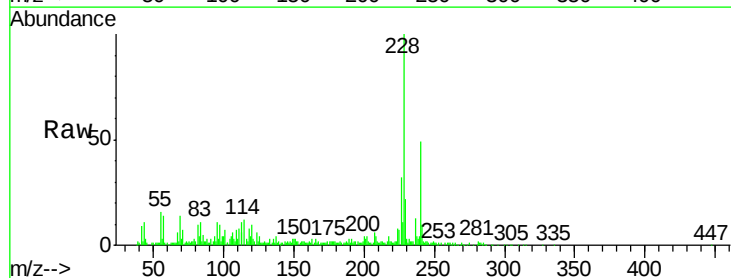
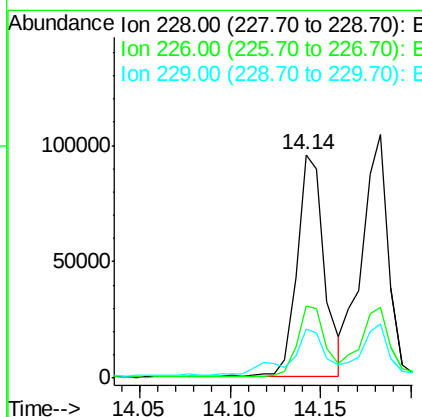
RT: 14.14 min Scan# 2007

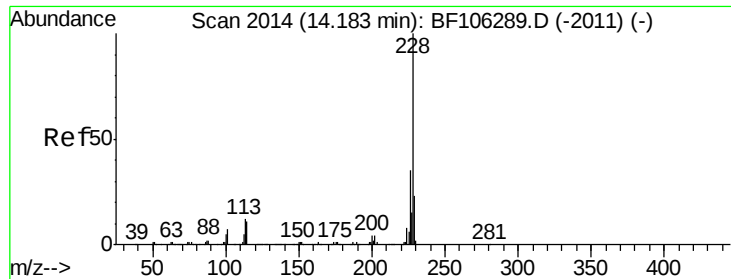
Delta R.T. -0.01 min

Lab File: BF106343.D

Acq: 12 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.6	33.8
229	21.7	15.8	23.6





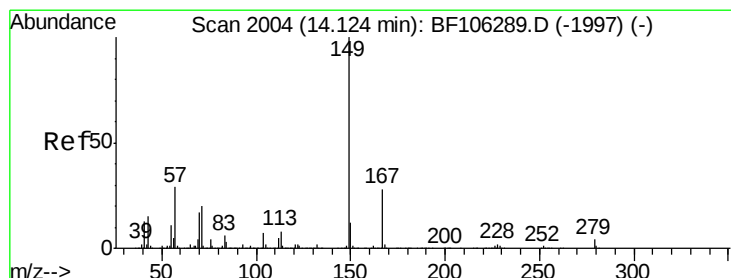
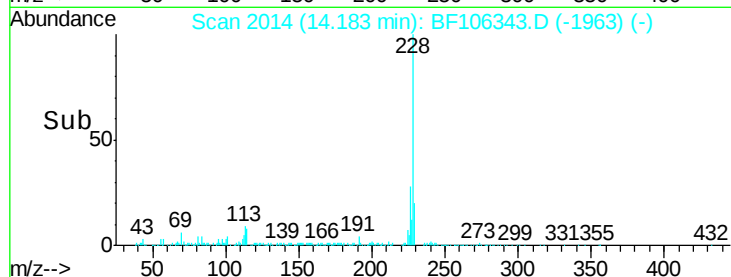
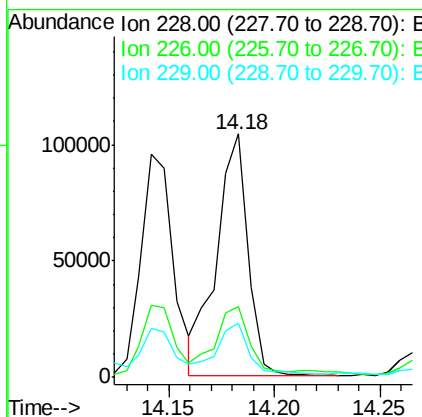
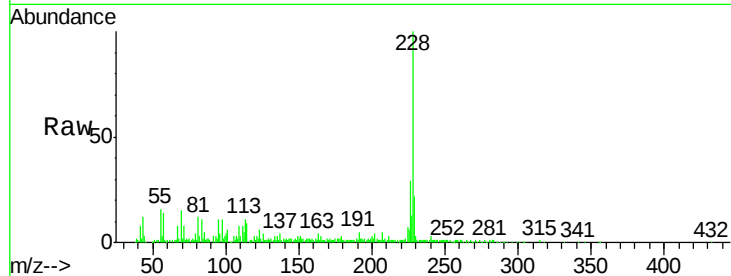
#82
Chrysene
Concen: 3.930 ng
RT: 14.18 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF106343.D
Acq: 12 Jun 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CL-01-061118-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	22.0	16.2	24.4

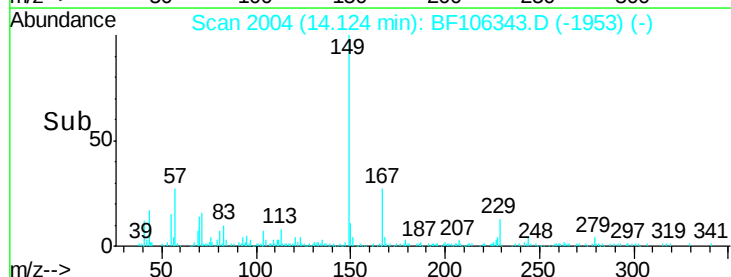
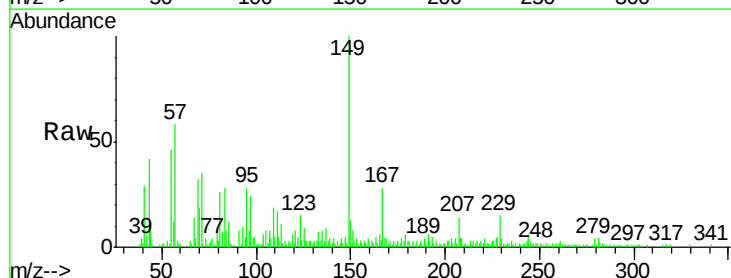
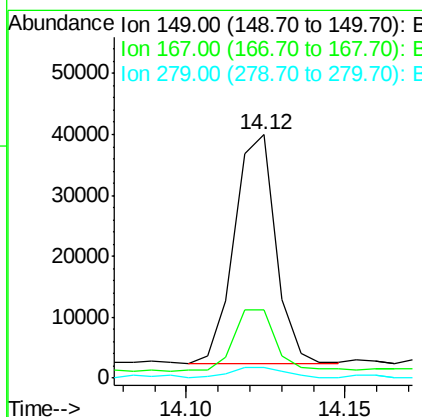
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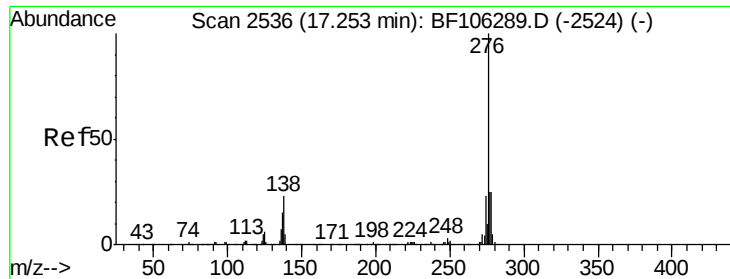
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#83
Bis(2-ethylhexyl)phthalate
Concen: 2.009 ng
RT: 14.12 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF106343.D
Acq: 12 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.3	31.9
279	4.3	3.0	4.4





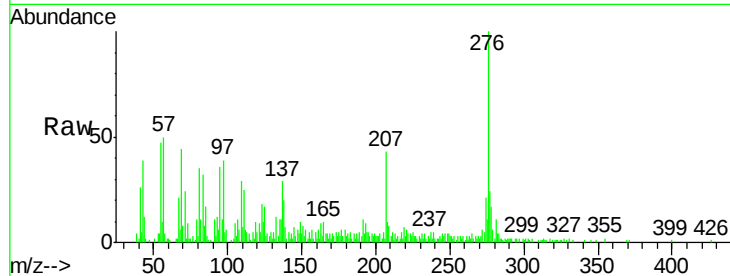
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.351 ng
RT: 17.26 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF106343.D
Acq: 12 Jun 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CL-01-061118-A

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	25.0	37.6#
277	24.4	20.1	30.1

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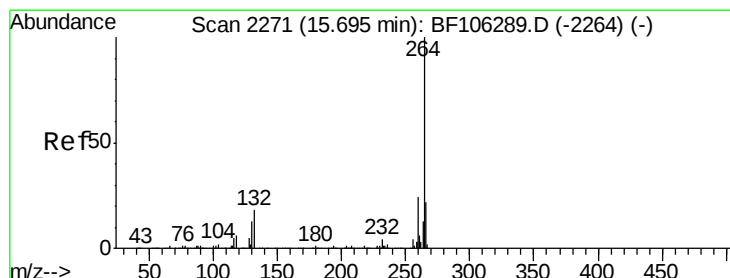
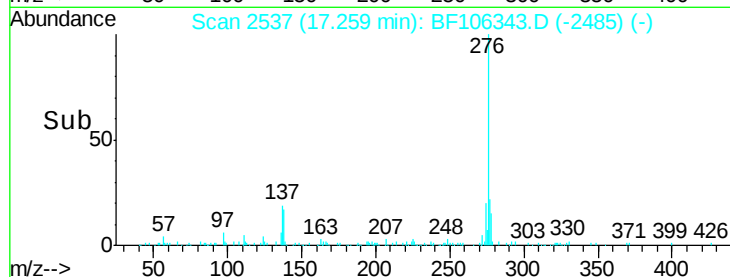
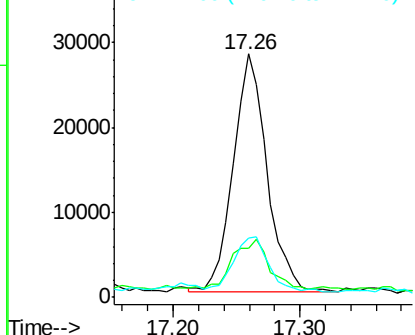


Abundance

Ion 276.00 (275.70 to 276.70): E

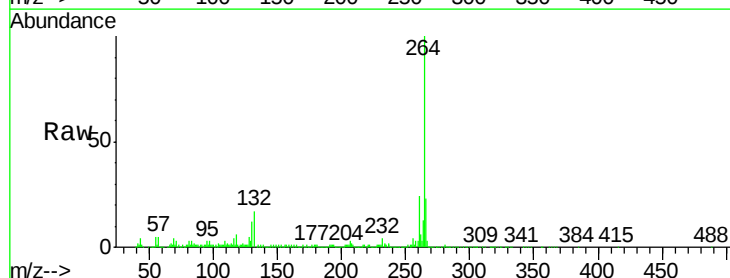
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF106343.D
Acq: 12 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.6	17.5	26.3

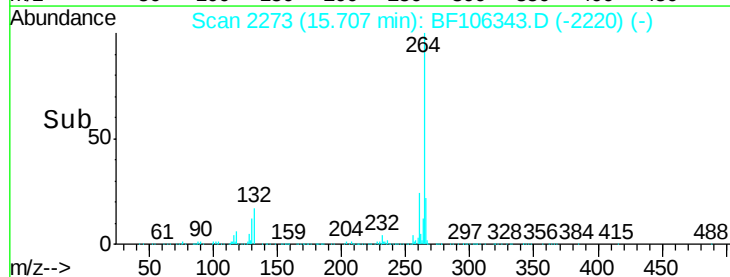
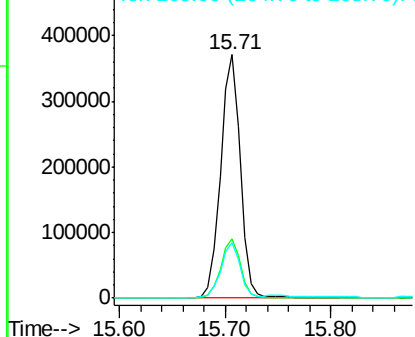


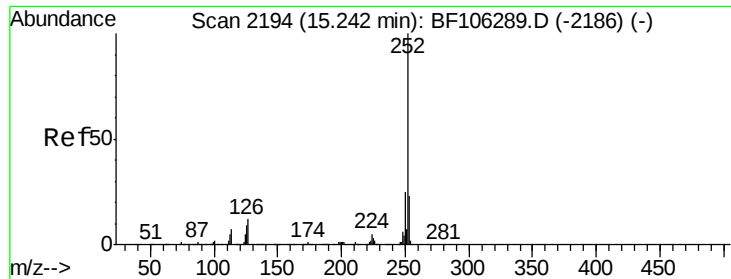
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





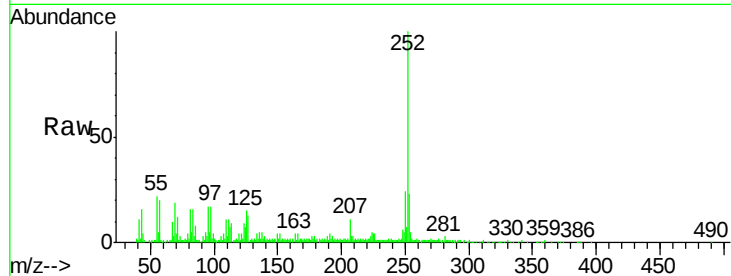
#87
Benzo(b)fluoranthene
Concen: 5.519 ng m
RT: 15.25 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF106343.D
Acq: 12 Jun 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CL-01-061118-A

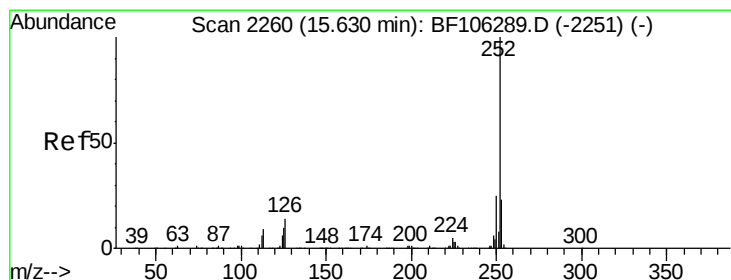
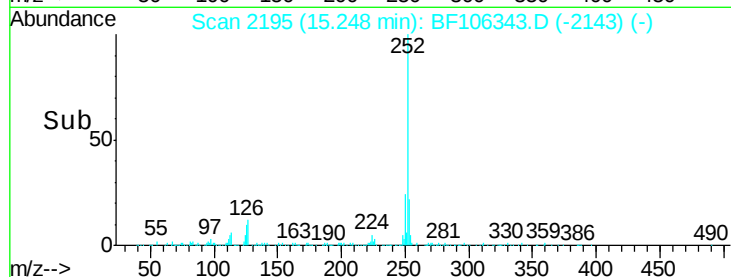
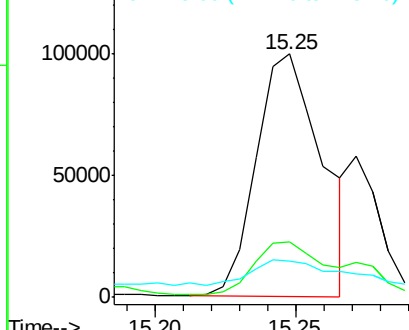
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	15.1	9.0	13.6

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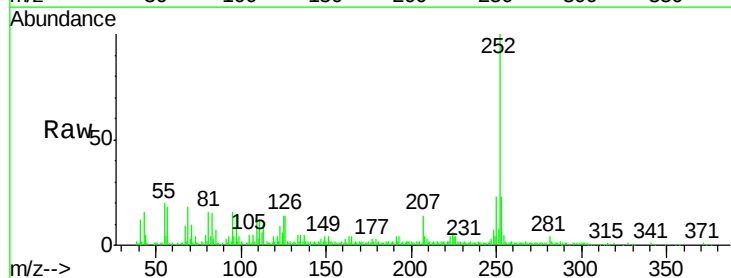


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

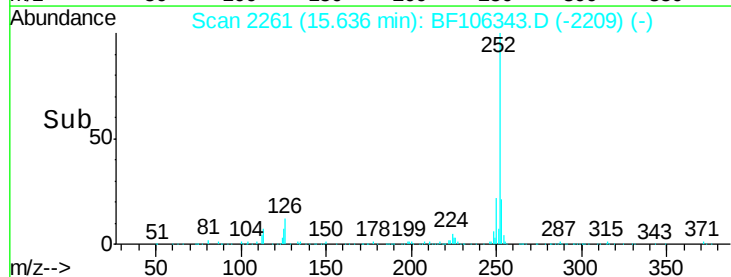
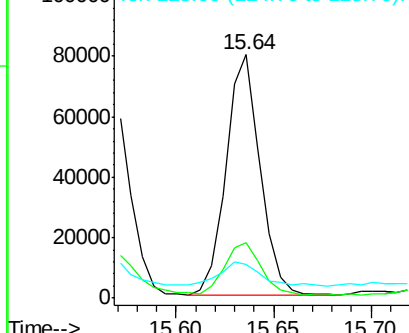


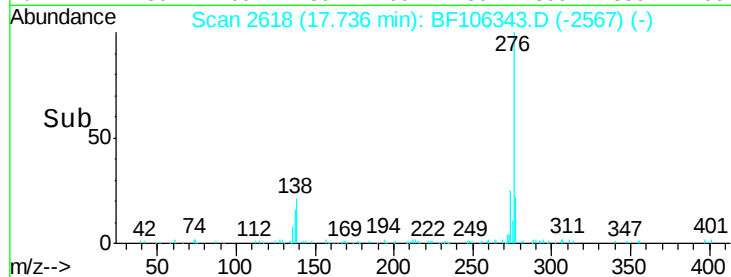
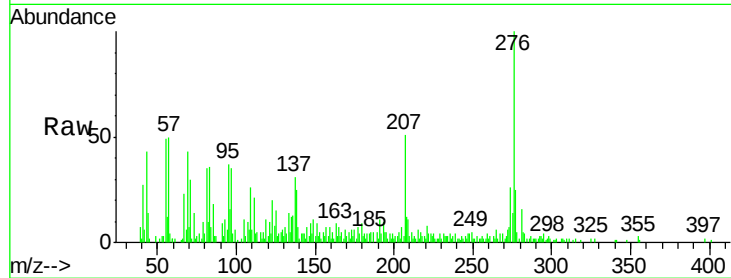
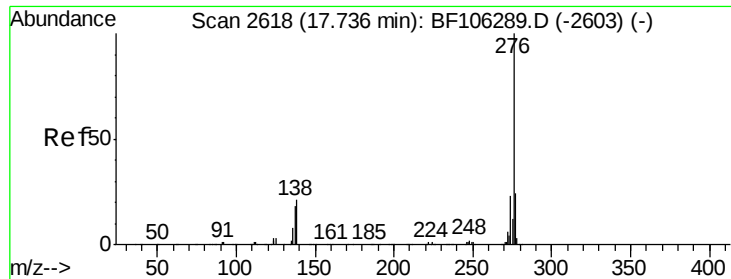
#89
Benzo(a)pyrene
Concen: 3.679 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF106343.D
Acq: 12 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	14.1	9.8	14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91
Benzo(a,h,i)perylene
Concen: 2.327 ng
RT: 17.74 min Scan# 2618
Delta R.T. 0.00 min
Lab File: BF106343.D
Acq: 12 Jun 2018 14:40

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	25.2	21.8	32.8

Instrument :
BNA_F
ClientSampleId :
CL-01-061118-A

Manual Integrations
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