

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107020.D
 Acq On : 30 Jun 2018 17:43
 Operator : JU/SJ
 Sample : J3629-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C2-03

Manual Integrations
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Quant Time: Jul 02 06:49:23 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 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70138	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	260576	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	115019	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	212632	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	197551	20.00	ng	-0.02
86) Perylene-d12	15.69	264	135878	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	224354	54.17	ng	0.02
7) Phenol-d6	6.61	99	266677	51.56	ng	0.00
23) Nitrobenzene-d5	7.51	82	150939	32.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	68015	51.02	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	299310	35.45	ng	-0.02
78) Terphenyl-d14	13.07	244	304906	37.39	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	29758	3.450	ng	Qvalue # 99
66) 4-Bromophenyl-phenylether	10.79	248	4136	1.630	ng	# 1
70) Phenanthrene	11.51	178	13363	1.303	ng	98
74) Fluoranthene	12.71	202	31161	2.757	ng	97
76) Benzidine	12.83	184	15345	2.727	ng	# 81
77) Pyrene	12.94	202	41792	3.208	ng	98
79) Butylbenzylphthalate	13.54	149	45269	8.452	ng	# 88
80) Benzo(a)anthracene	14.14	228	17807	1.479	ng	93
82) Chrysene	14.17	228	20299	1.833	ng	97
83) Bis(2-ethylhexyl)phthalate	14.11	149	1625845	237.432	ng	# 96
84) Di-n-octyl phthalate	14.72	149	11754	1.053	ng	# 75
87) Benzo(b)fluoranthene	15.23	252	19053m	2.257	ng	
89) Benzo(a)pyrene	15.62	252	14060	1.874	ng	# 88
91) Benzo(a,h,i)perylene	17.75	276	12494m	2.010	ng	

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

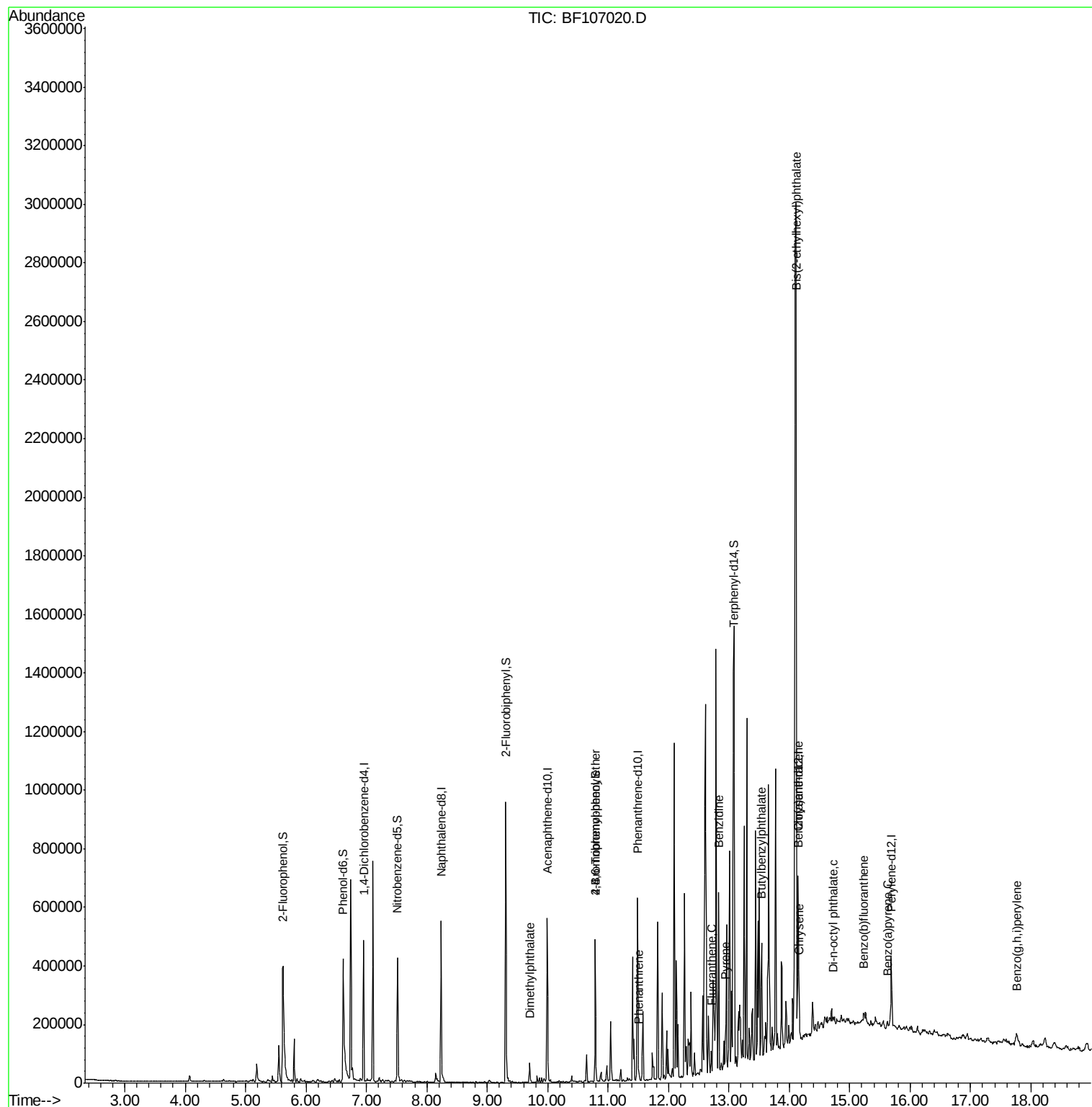
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
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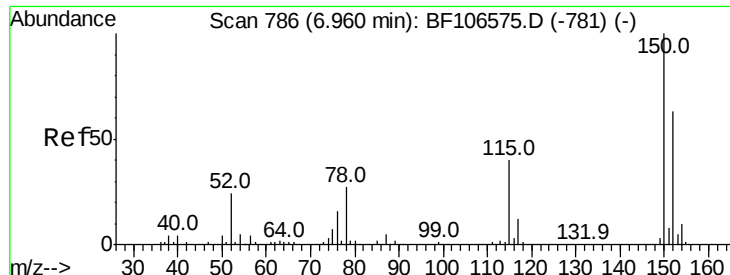
Instrument :
BNA_F
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A0C2-03

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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#1

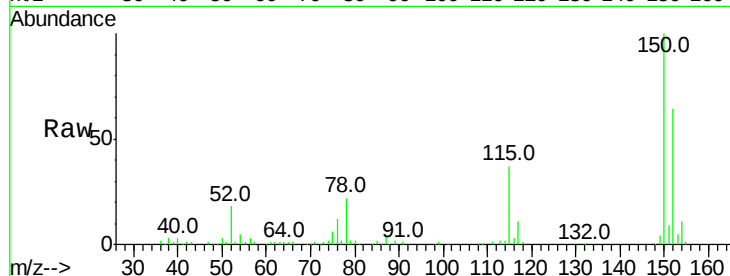
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107020.D
Acq: 30 Jun 2018 17:43

Instrument :
BNA_F
ClientSampleId :
A0C2-03

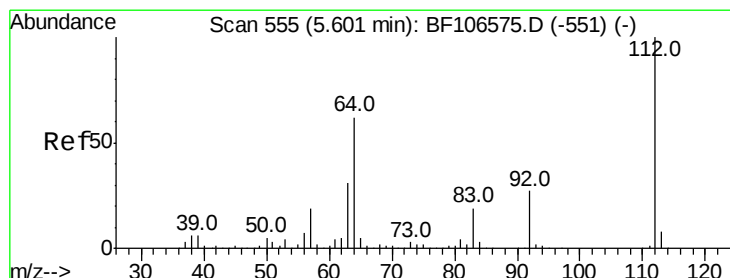
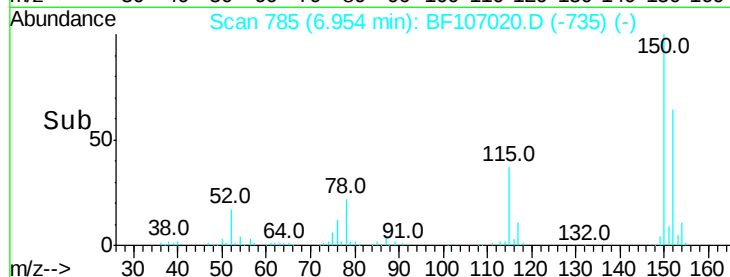
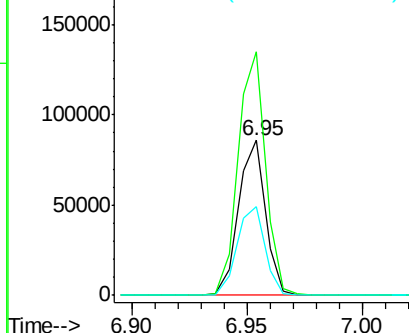
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	57.3	50.1	75.1

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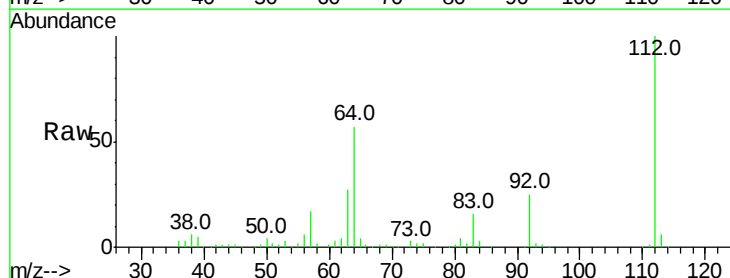
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



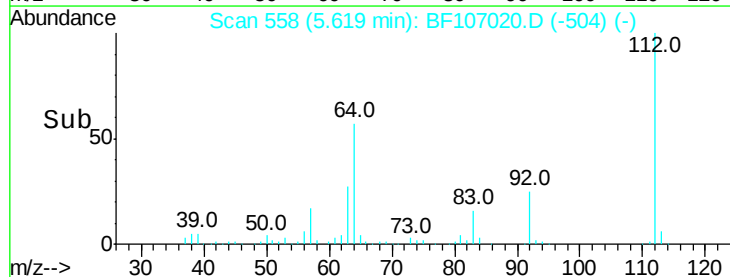
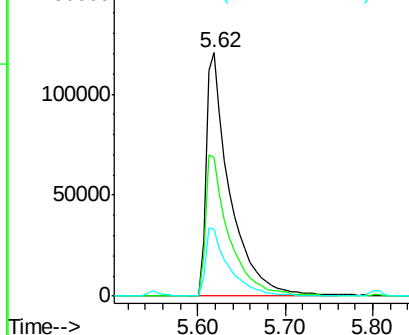
#5

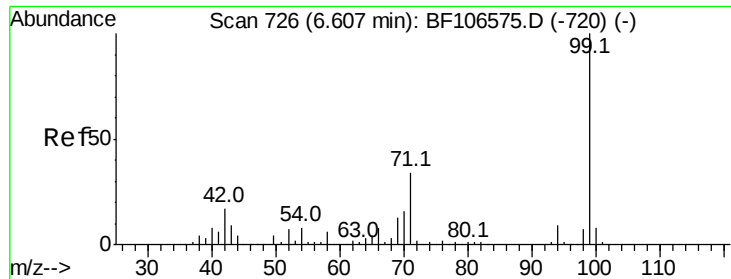
2-Fluorophenol
Concen: 54.165 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF107020.D
Acq: 30 Jun 2018 17:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	27.3	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: 51.556 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107020.D

Acq: 30 Jun 2018 17:43

Instrument :

BNA_F

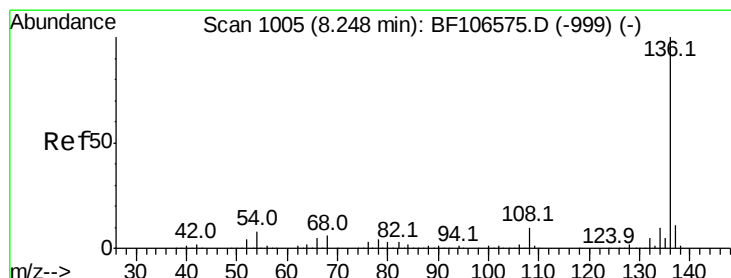
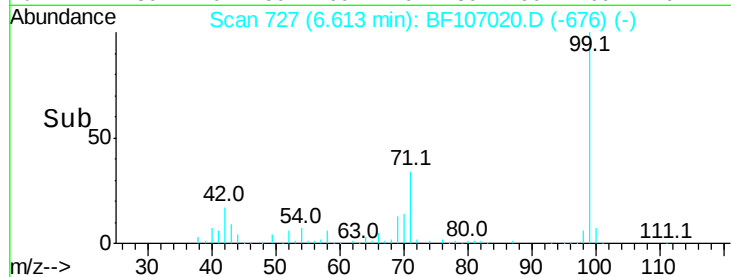
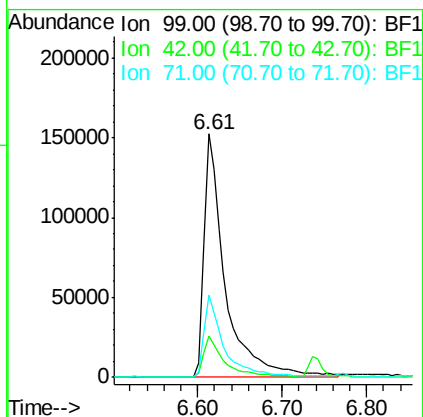
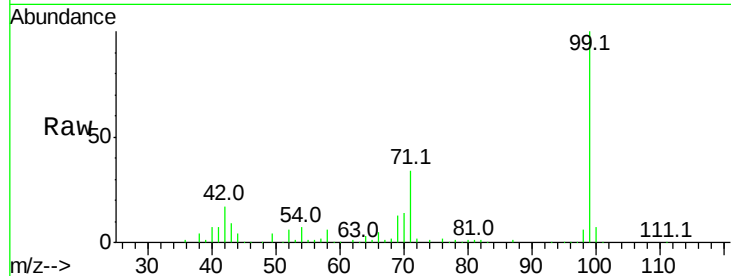
ClientSampleId :

A0C2-03

Tot Ion:	99	Resp:	266677
Ion Ratio	Lower	Upper	
99	100		
42	17.0	14.5	21.7
71	33.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

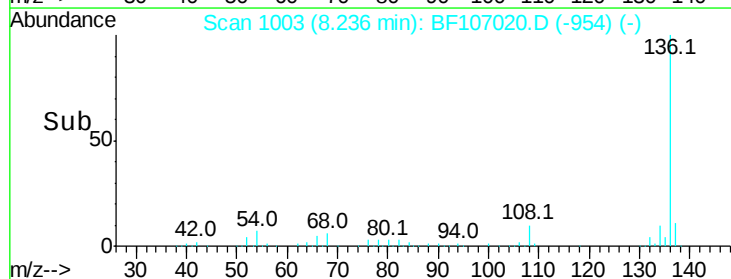
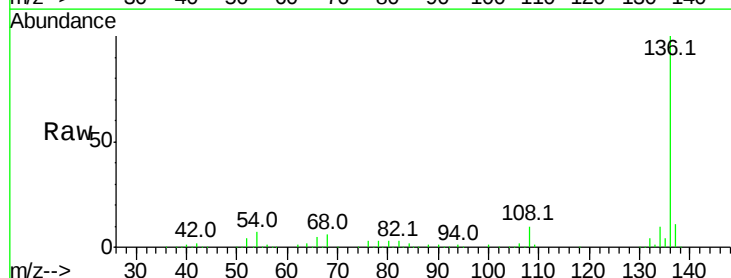
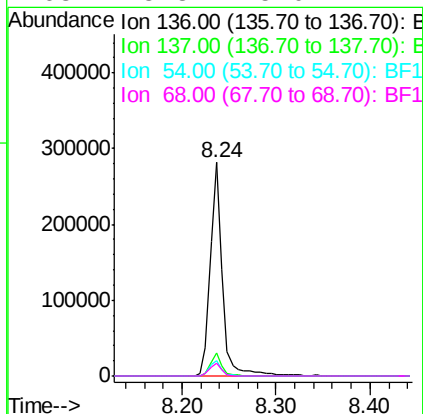
RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107020.D

Acq: 30 Jun 2018 17:43

Tgt Ion:	136	Resp:	260576
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	7.4	6.6	9.8
68	5.8	5.0	7.4





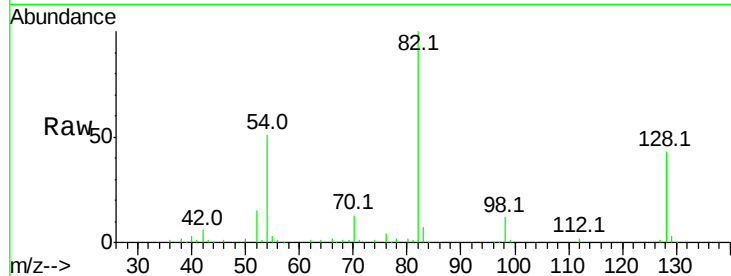
#23
 Nitrobenzene-d5
 Concen: 32.191 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107020.D
 Acq: 30 Jun 2018 17:43

Instrument :
 BNA_F
 ClientSampled :
 A0C2-03

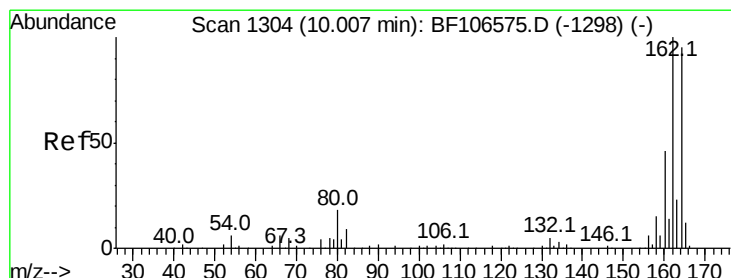
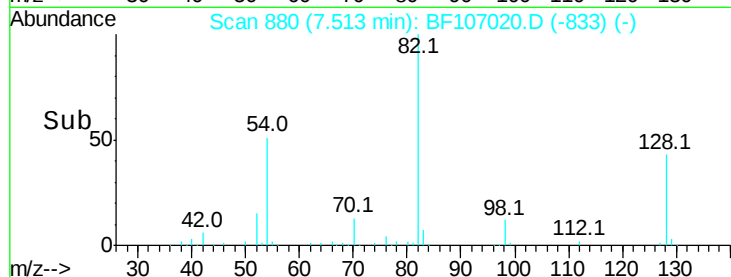
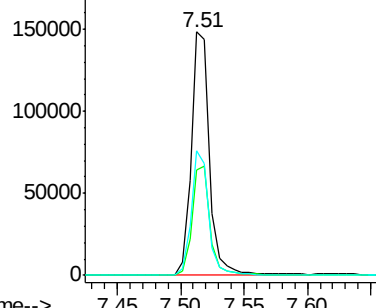
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	51.3	41.4	62.2

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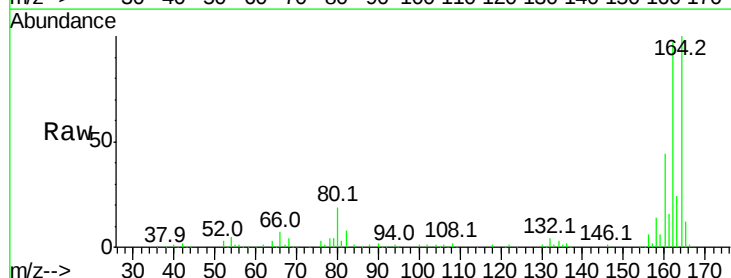


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

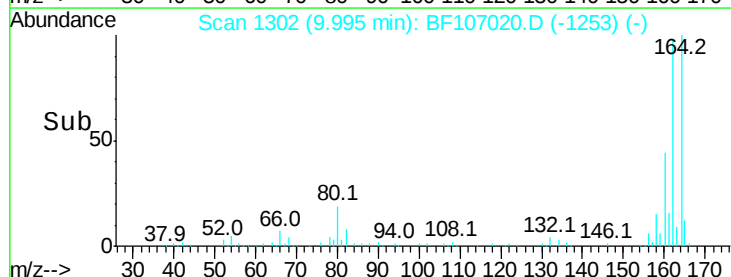
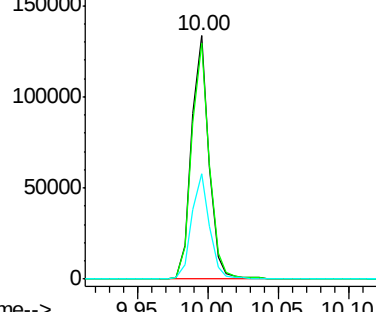


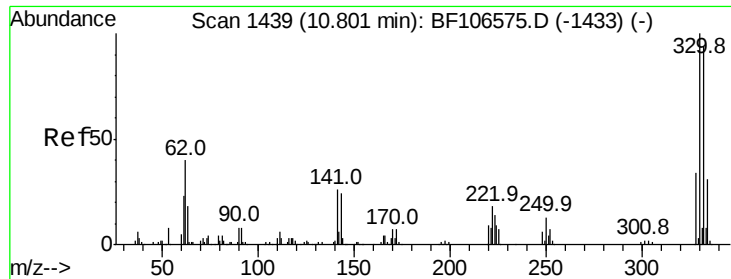
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107020.D
 Acq: 30 Jun 2018 17:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	86.1	129.1
160	43.5	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: 51.020 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF107020.D

Acq: 30 Jun 2018 17:43

Instrument :

BNA_F

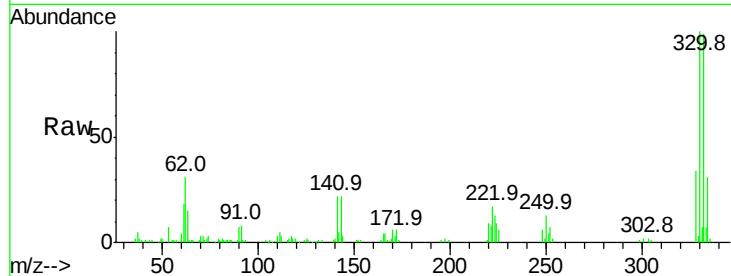
ClientSampled :

A0C2-03

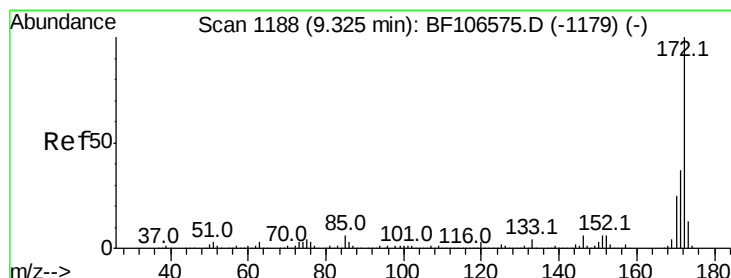
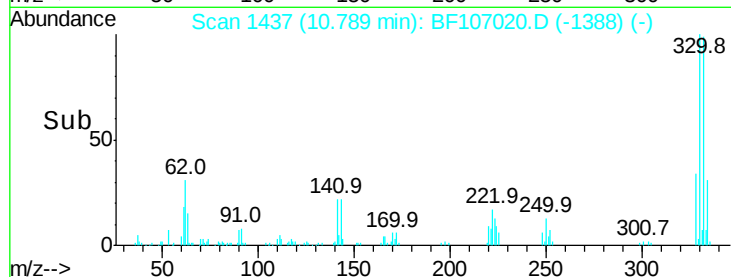
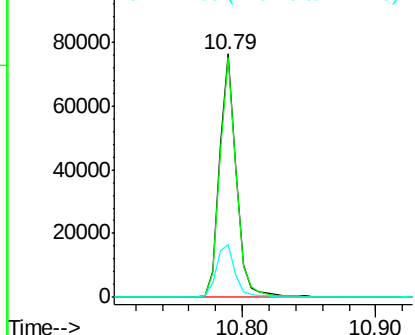
Tot Ion:	330	Resp:	68015
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.0	115.6
141	24.0	29.9	44.9#

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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: 35.447 ng

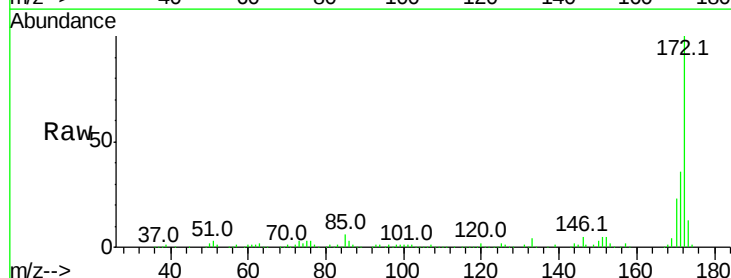
RT: 9.31 min Scan# 1185

Delta R.T. -0.02 min

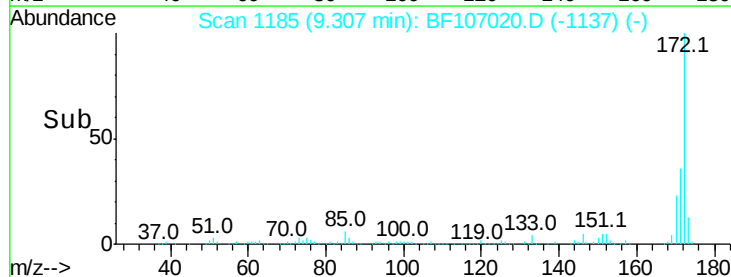
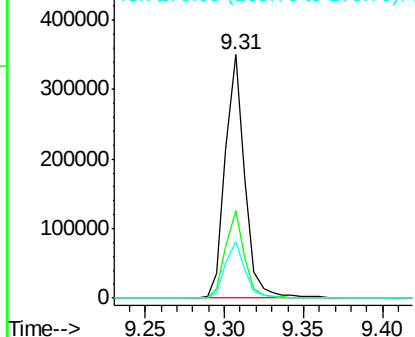
Lab File: BF107020.D

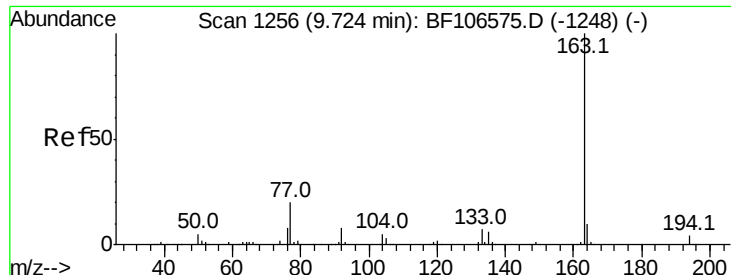
Acq: 30 Jun 2018 17:43

Tgt Ion:	172	Resp:	299310
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.7	44.5
170	23.1	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





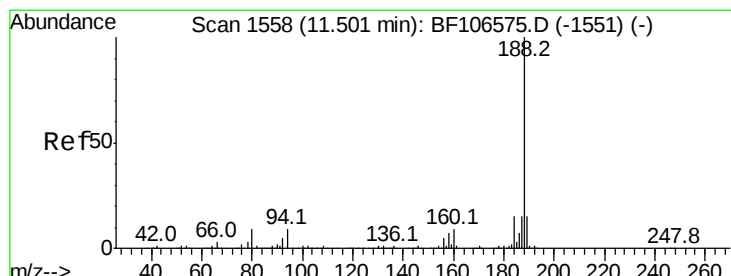
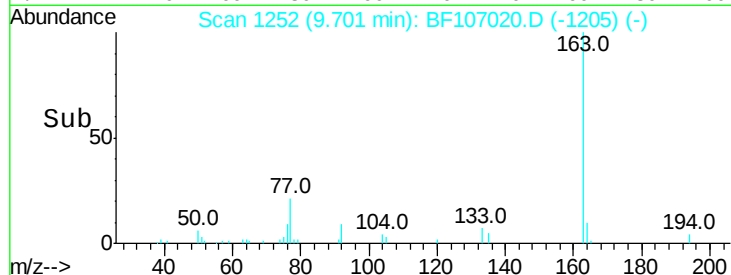
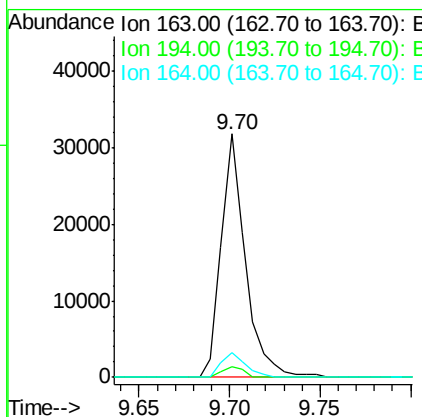
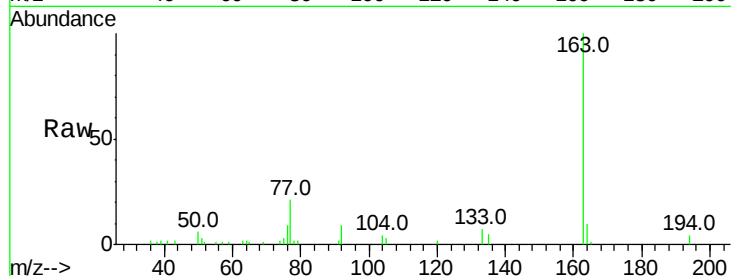
#49
Dimethylphthalate
Concen: 3.450 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107020.D
Acq: 30 Jun 2018 17:43

Instrument :
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ClientSampleId :
A0C2-03

Tot Ion	Ratio	Resp	Lower	Upper
163	100	29758		
194	4.3		2.7	4.1#
164	10.3		8.2	12.2

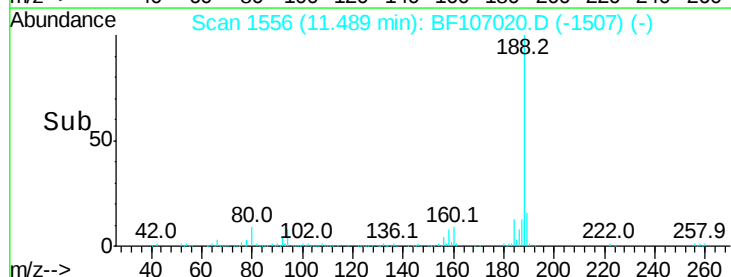
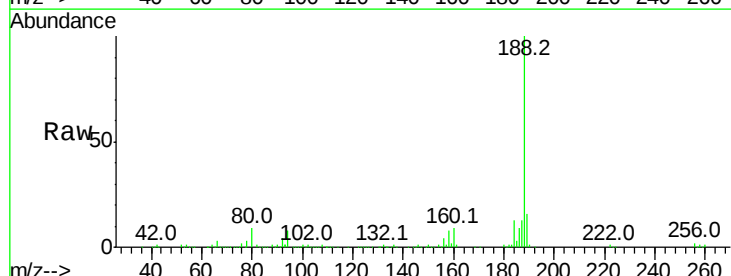
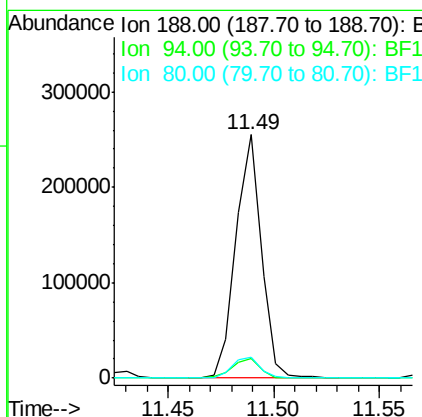
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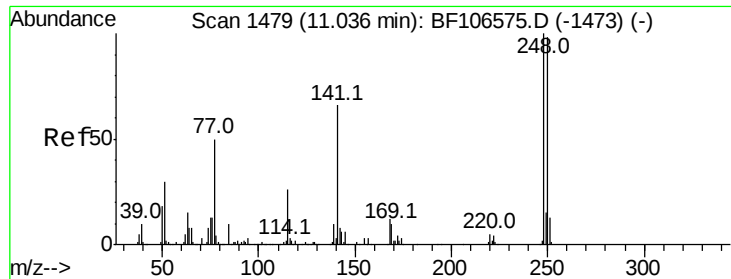
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107020.D
Acq: 30 Jun 2018 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	212632		
94	8.2		8.5	12.7#
80	8.6		9.2	13.8#





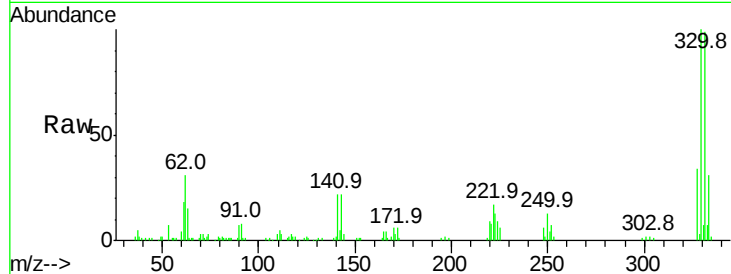
#66
 4-Bromophenyl-phenylether
 Concen: 1.630 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF107020.D
 Acq: 30 Jun 2018 17:43

Instrument :
 BNA_F
 ClientSampleId :
 A0C2-03

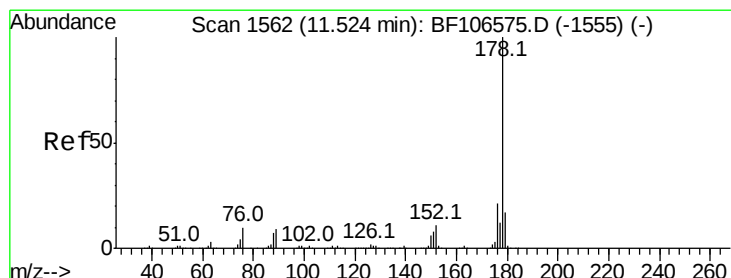
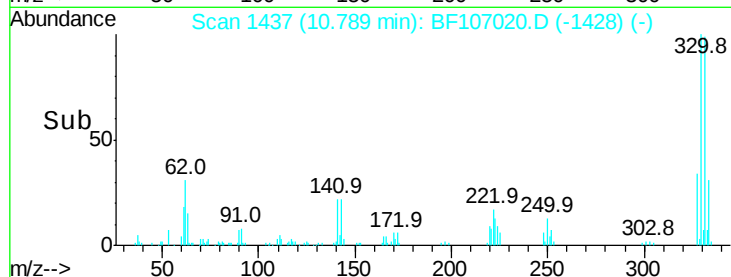
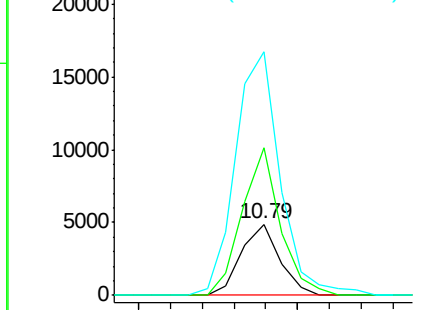
Tot Ion	Ratio	Lower	Upper
248	100		
250	207.2	76.9	115.3#
141	342.6	74.4	111.6#

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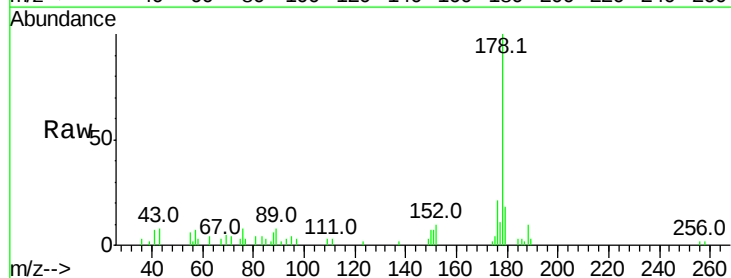


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

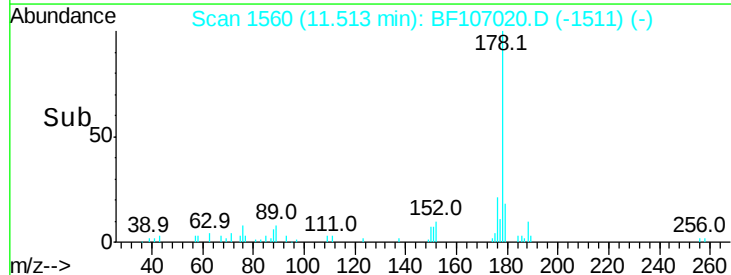
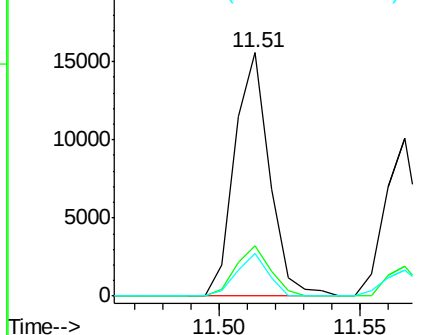


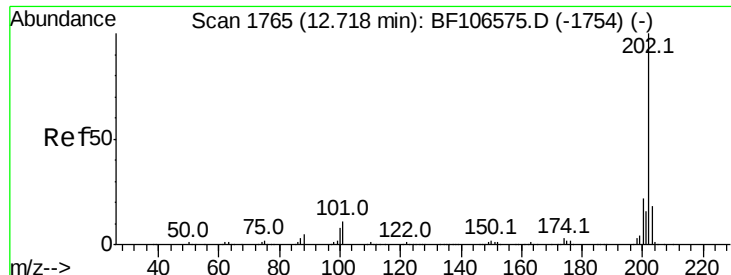
#70
 Phenanthrene
 Concen: 1.303 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF107020.D
 Acq: 30 Jun 2018 17:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	17.6	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.757 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107020.D

Acq: 30 Jun 2018 17:43

Instrument :

BNA_F

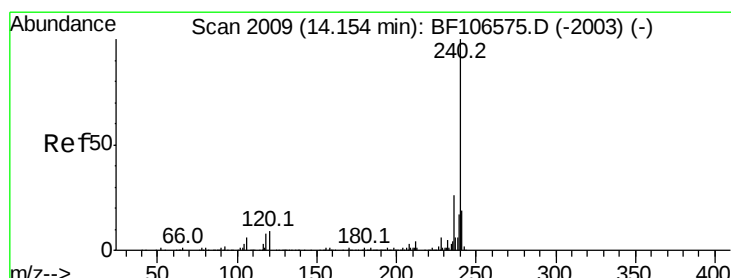
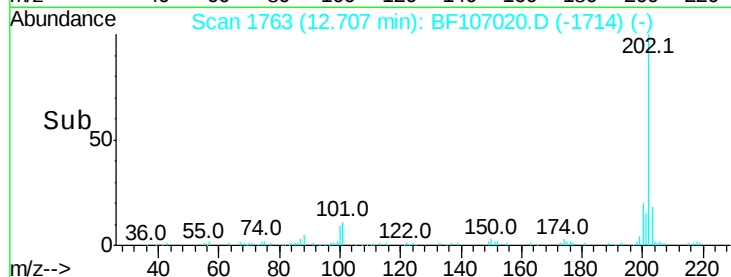
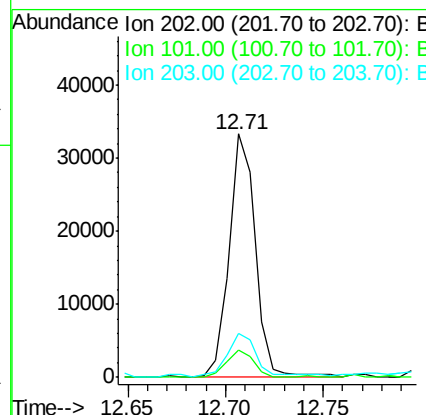
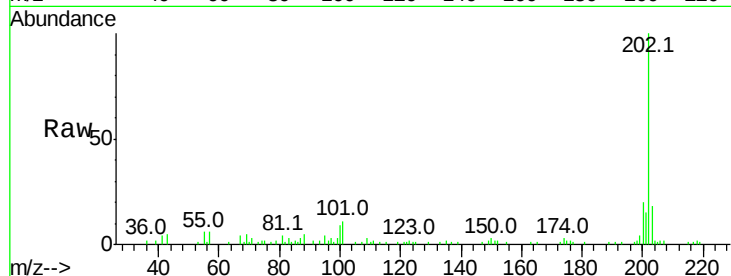
ClientSampleId :

A0C2-03

Tot Ion:	202	Resp:	31161
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	34.1
203	18.2	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

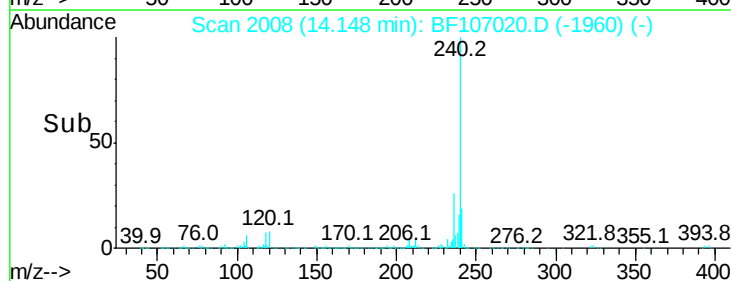
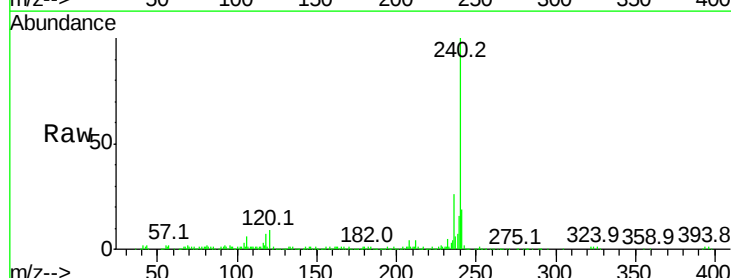
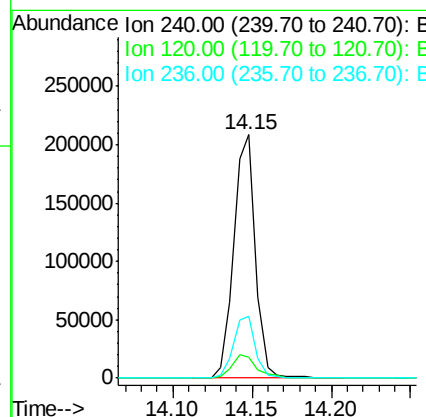
RT: 14.15 min Scan# 2008

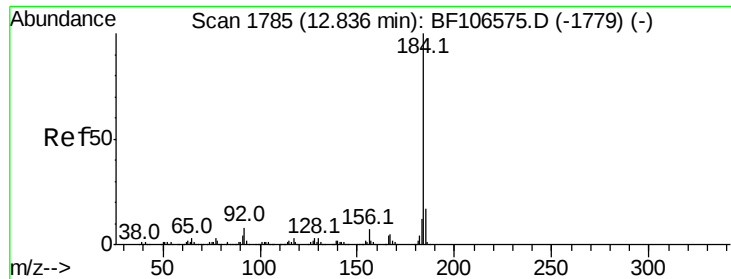
Delta R.T. -0.02 min

Lab File: BF107020.D

Acq: 30 Jun 2018 17:43

Tgt Ion:	240	Resp:	197551
Ion Ratio	Lower	Upper	
240	100		
120	8.7	9.5	14.3#
236	25.6	20.7	31.1





#76

Benzidine

Concen: 2.727 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF107020.D

Acq: 30 Jun 2018 17:43

Instrument :

BNA_F

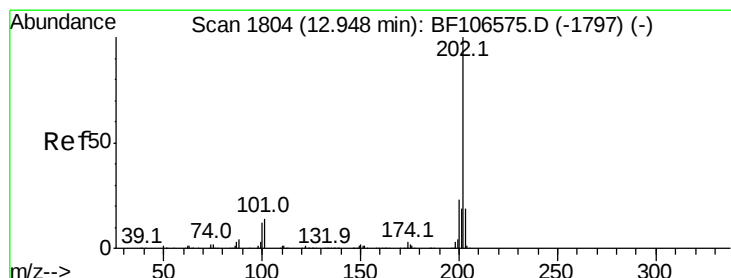
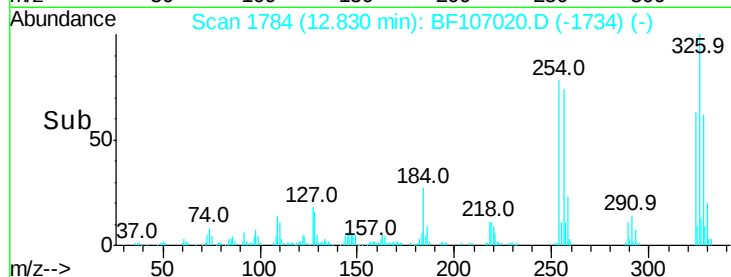
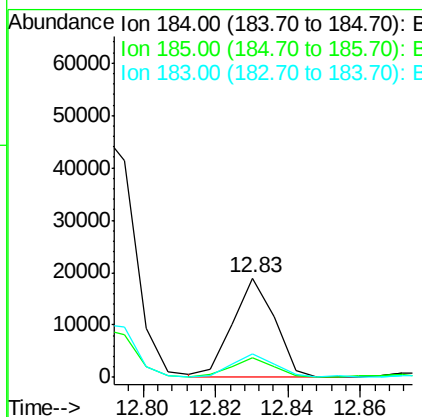
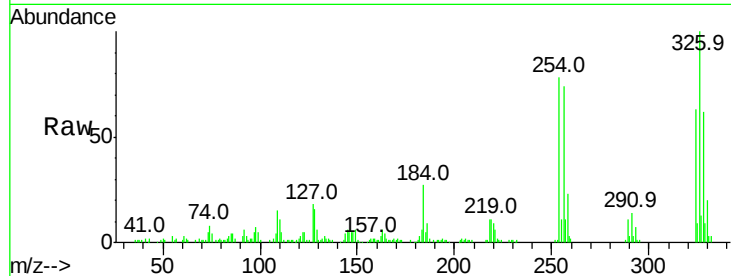
ClientSampleId :

A0C2-03

Tot Ion:	184	Resp:	15345
Ion Ratio	Lower	Upper	
184	100		
185	19.9	12.6	18.8#
183	23.7	9.3	13.9#

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#77

Pyrene

Concen: 3.208 ng

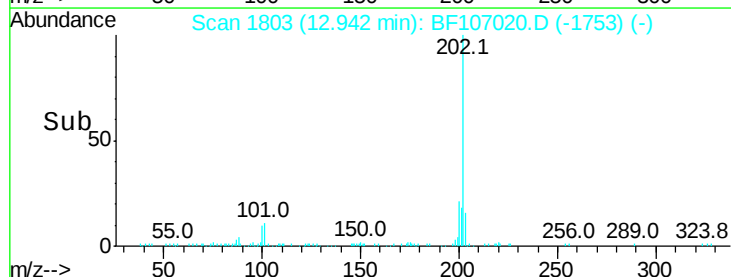
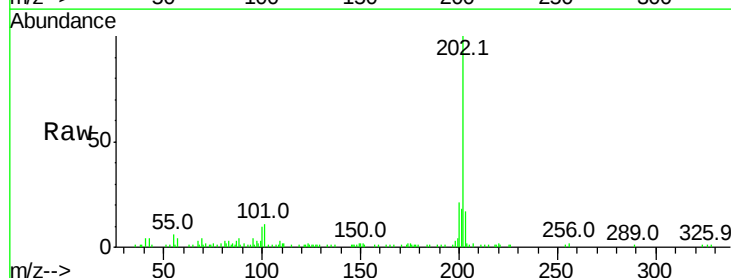
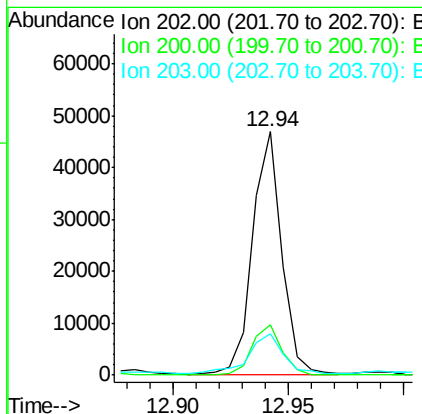
RT: 12.94 min Scan# 1803

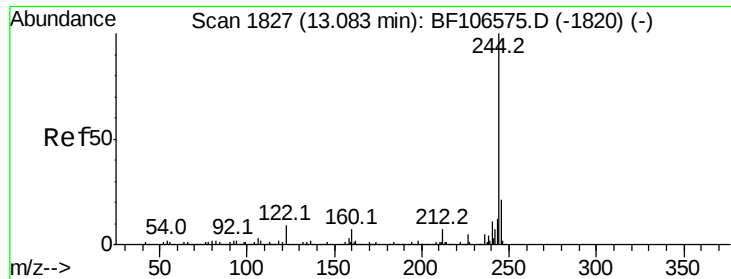
Delta R.T. -0.01 min

Lab File: BF107020.D

Acq: 30 Jun 2018 17:43

Tgt Ion:	202	Resp:	41792
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	16.9	14.3	21.5





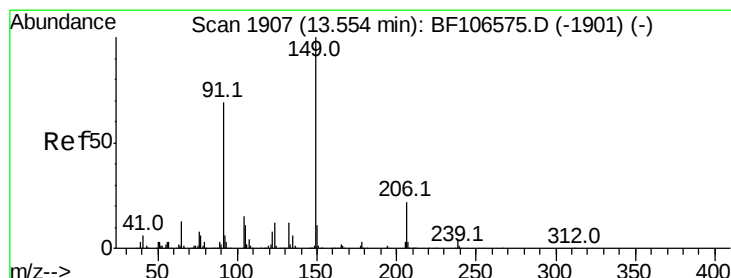
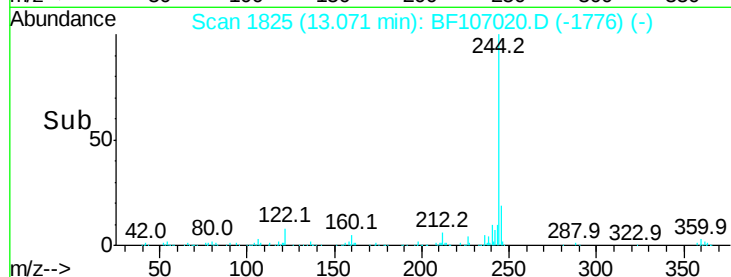
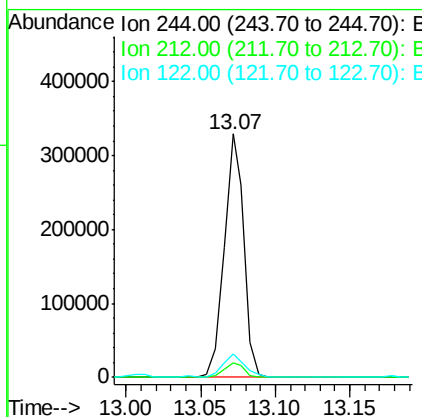
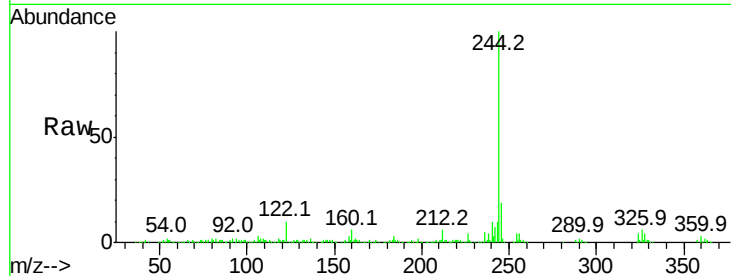
#78
 Terphenyl-d14
 Concen: 37.386 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107020.D
 Acq: 30 Jun 2018 17:43

Instrument :
 BNA_F
 ClientSampleId :
 A0C2-03

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.7	11.0	16.4#

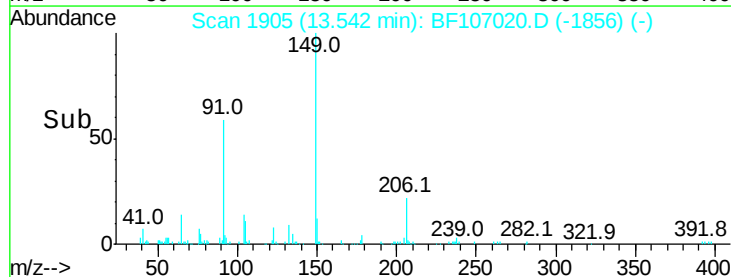
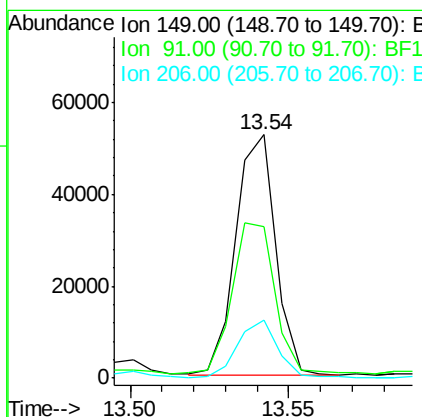
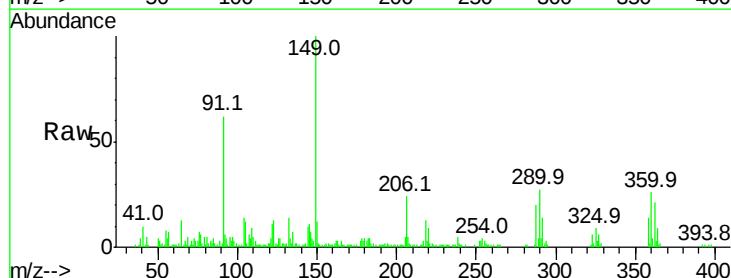
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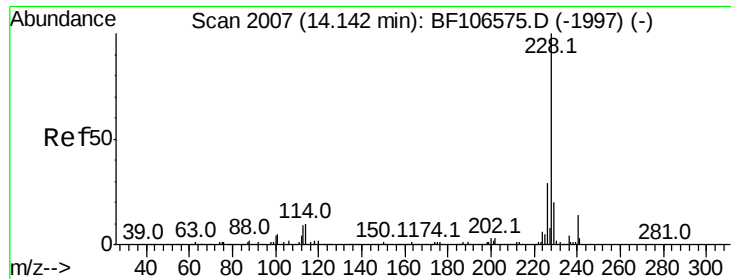
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#79
 Butylbenzylphthalate
 Concen: 8.452 ng
 RT: 13.54 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF107020.D
 Acq: 30 Jun 2018 17:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.0	56.8	85.2
206	24.1	14.1	21.1#





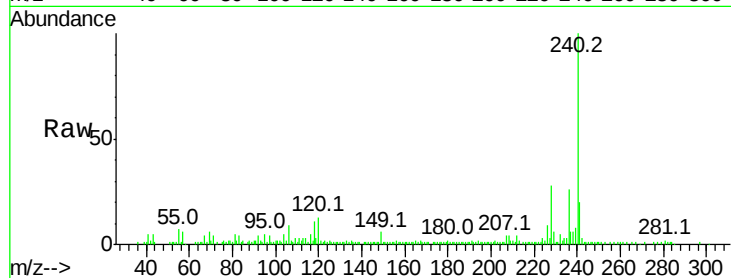
#80
Benzo(a)anthracene
Concen: 1.479 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107020.D
Acq: 30 Jun 2018 17:43

Instrument :
BNA_F
ClientSampleId :
A0C2-03

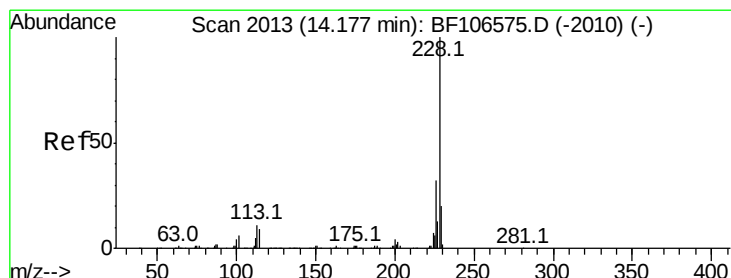
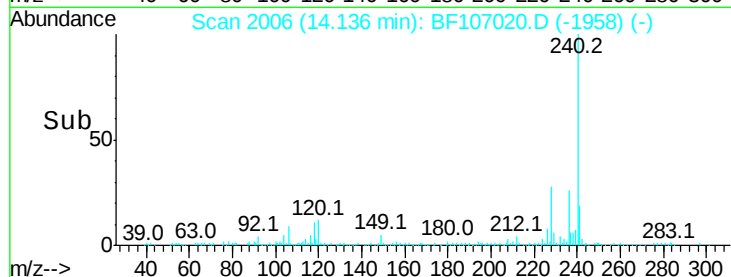
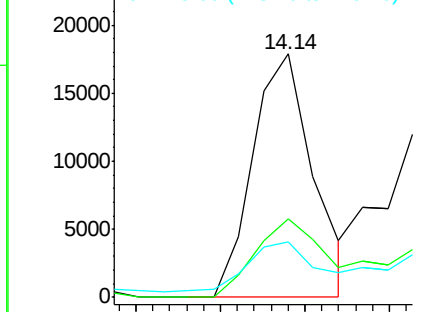
Tot Ion:	228	Resp:	17807
Ion Ratio	Lower	Upper	
228	100		
226	32.1	22.6	33.8
229	22.9	15.8	23.6

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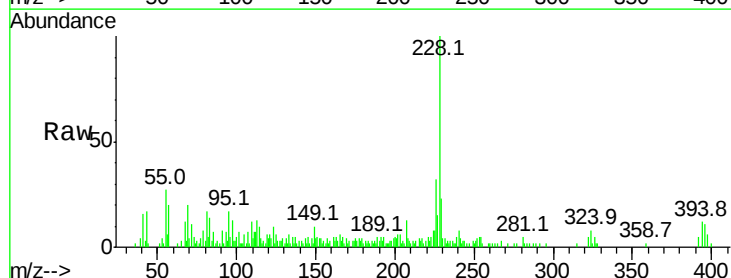


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

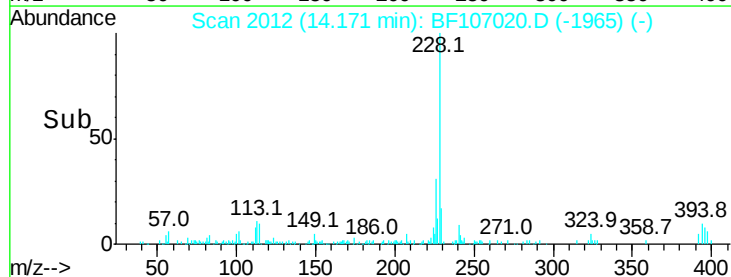
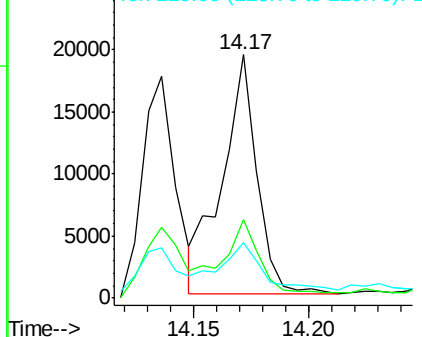


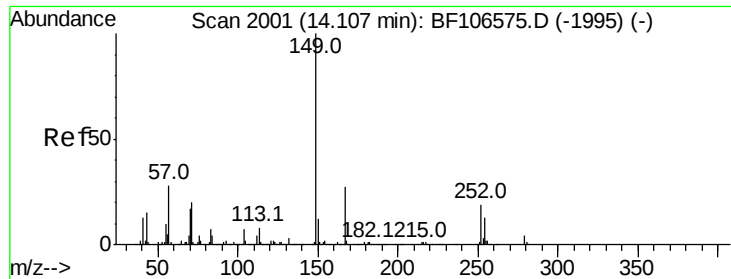
#82
Chrysene
Concen: 1.833 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107020.D
Acq: 30 Jun 2018 17:43

Tgt Ion:	228	Resp:	20299
Ion Ratio	Lower	Upper	
228	100		
226	32.4	25.0	37.6
229	22.9	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





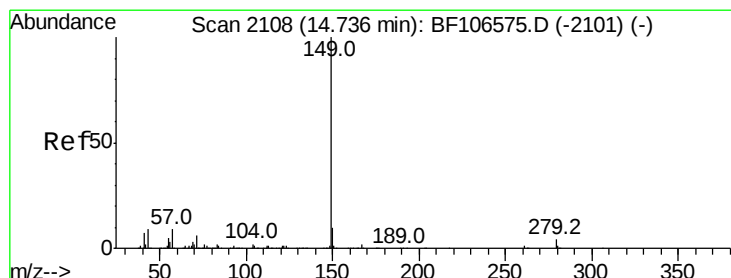
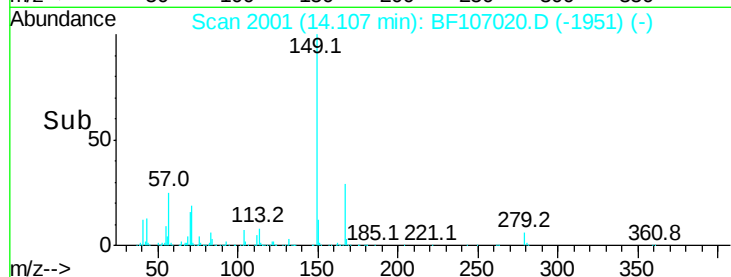
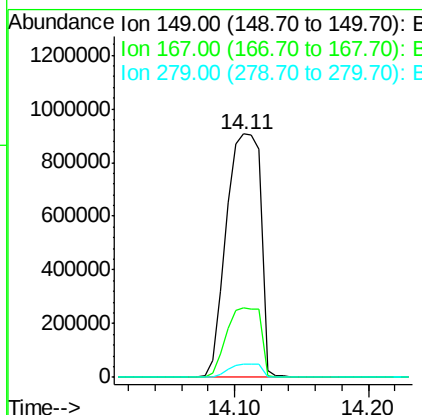
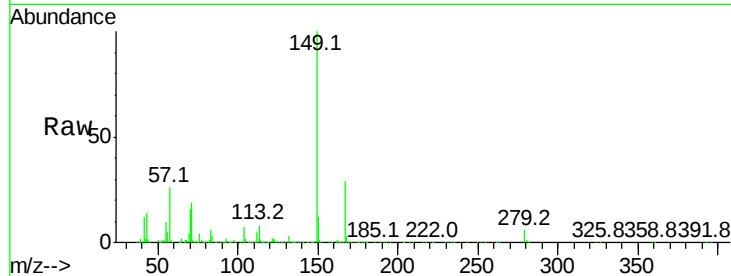
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 237.432 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF107020.D
 Acq: 30 Jun 2018 17:43

Instrument :
 BNA_F
 ClientSampleId :
 A0C2-03

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.3	31.9
279	5.6	3.0	4.4

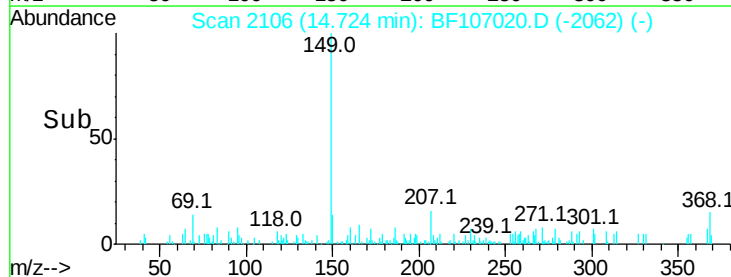
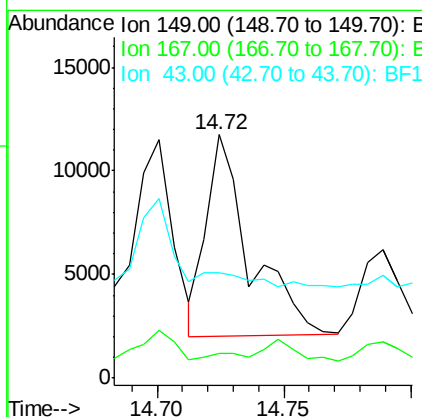
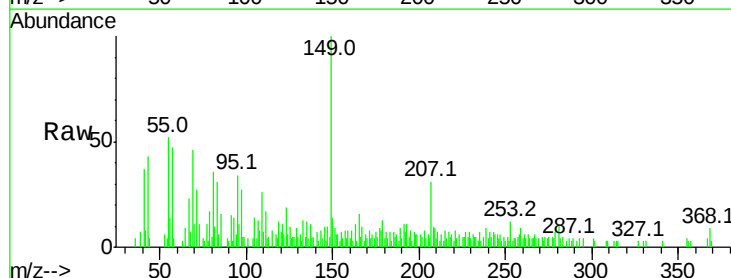
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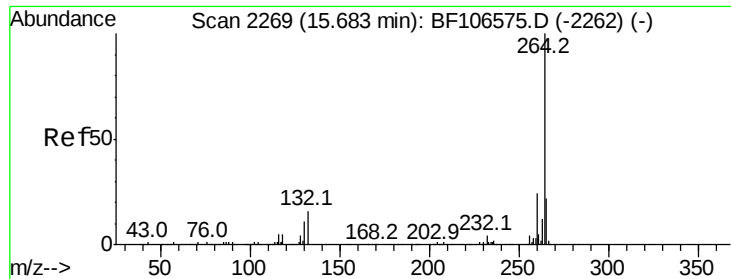
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#84
 Di-n-octyl phthalate
 Concen: 1.053 ng
 RT: 14.72 min Scan# 2106
 Delta R.T. -0.04 min
 Lab File: BF107020.D
 Acq: 30 Jun 2018 17:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8
43	0.0	8.4	12.6





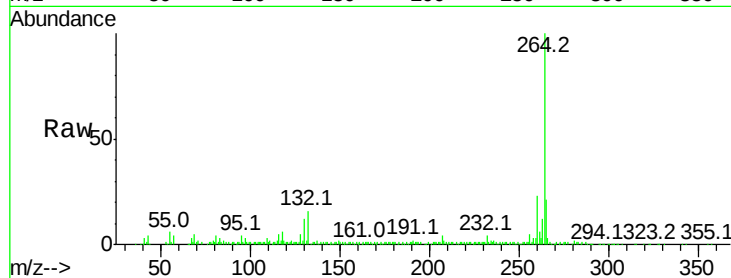
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107020.D
Acq: 30 Jun 2018 17:43

Instrument :
BNA_F
ClientSampled :
A0C2-03

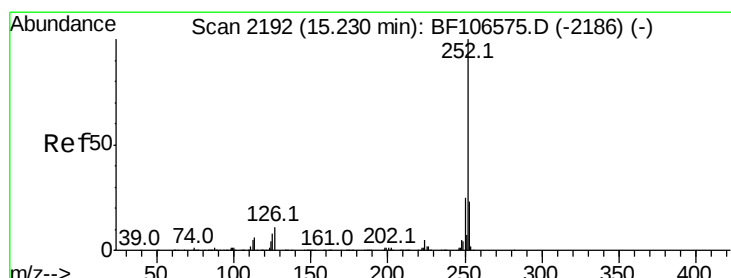
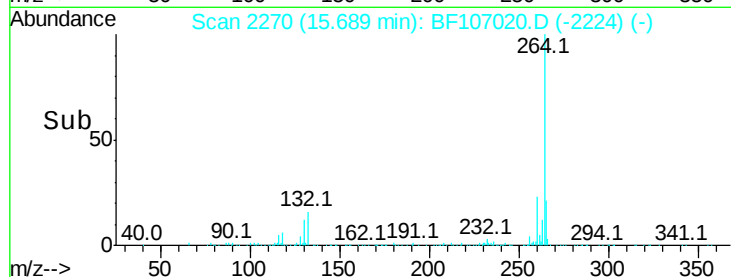
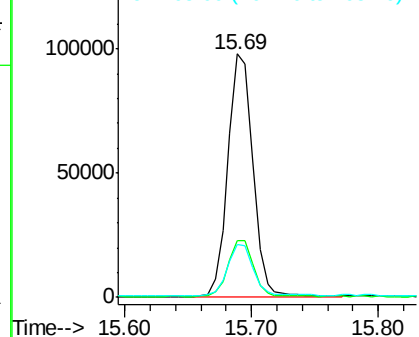
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.5	17.5	26.3

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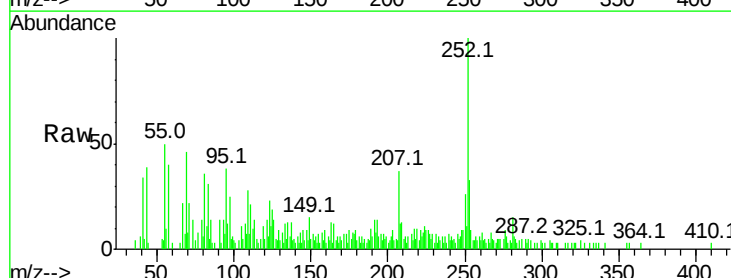


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

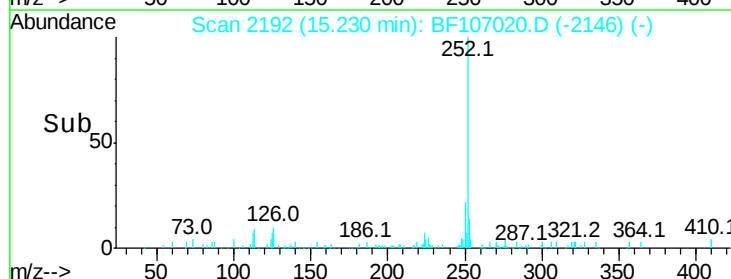
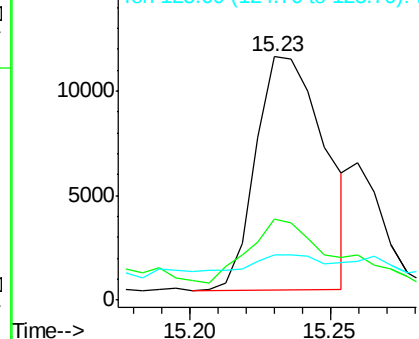


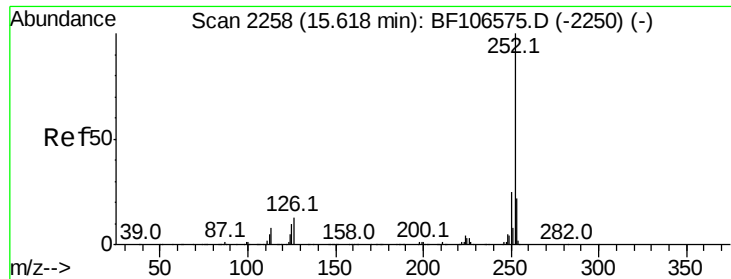
#87
Benzo(b)fluoranthene
Concen: 2.257 ng m
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107020.D
Acq: 30 Jun 2018 17:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.4	17.0	25.6#
125	18.7	9.0	13.6#



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





#89

Benzo(a)pyrene

Concen: 1.874 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.03 min

Lab File: BF107020.D

Acq: 30 Jun 2018 17:43

Instrument :

BNA_F

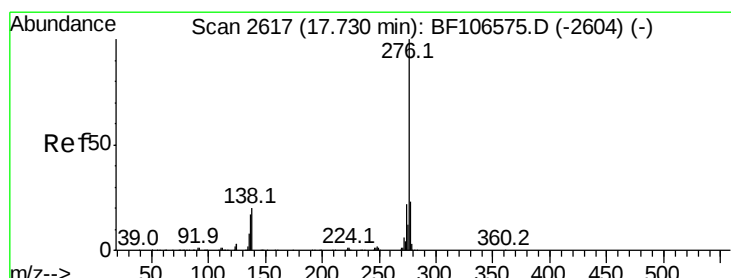
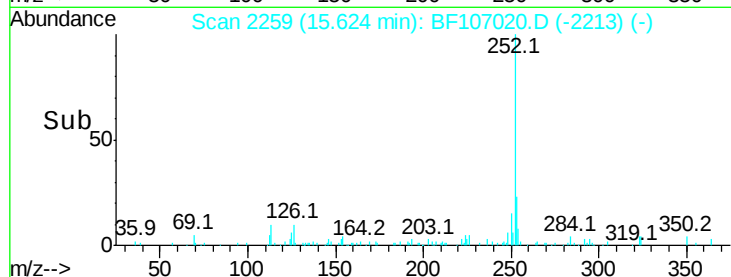
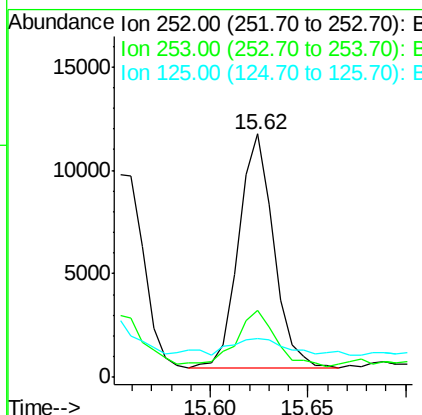
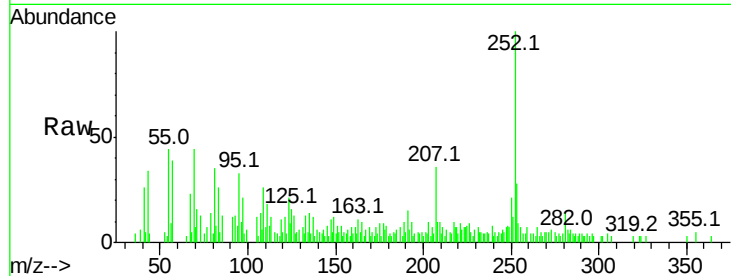
ClientSampleId :

A0C2-03

Tot Ion:	252	Resp:	14060
Ion Ratio	Lower	Upper	
252	100		
253	27.7	17.1	25.7#
125	16.1	9.8	14.6#

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#91

Benzo(g,h,i)perylene

Concen: 2.010 ng m

RT: 17.75 min Scan# 2621

Delta R.T. -0.04 min

Lab File: BF107020.D

Acq: 30 Jun 2018 17:43

Tgt Ion:	276	Resp:	12494
Ion Ratio	Lower	Upper	
276	100		
277	22.1	17.9	26.9
138	21.7	21.8	32.8#

