

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018370.D
 Acq On : 21 Dec 2018 23:05
 Operator : JU/SJ
 Sample : J6499-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11989

Manual Integrations
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Sohil
 12/26/2018 3:20:14 PM

Quant Time: Dec 22 05:46:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	119403	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	483273	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	265227	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	515149	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	428136	20.00	ng	0.00
87) Perylene-d12	23.30	264	473923	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	879607	123.06	ng	0.00
7) Phenol-d6	6.70	99	1196045	120.39	ng	0.00
23) Nitrobenzene-d5	8.65	82	790739	83.93	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	354334	91.02	ng	0.00
45) 2-Fluorobiphenyl	12.75	172	1397072	68.23	ng	-0.02
79) Terphenyl-d14	19.57	244	1445604	76.36	ng	0.00
Target Compounds						
10) Phenol	6.73	94	91556	8.702	ng	84
50) Dimethylphthalate	13.62	163	169341	7.680	ng	99
71) Phenanthrene	16.96	178	71853	2.568	ng	99
75) Fluoranthene	18.99	202	252443	7.760	ng	99
78) Pyrene	19.36	202	224619	8.805	ng	98
81) Benzo(a)anthracene	21.12	228	143947	5.756	ng	98
83) Chrysene	21.17	228	132511	5.509	ng	98
86) Indeno(1,2,3-cd)pyrene	25.44	276	75006	3.130	ng	# 93
88) Benzo(b)fluoranthene	22.66	252	169223	6.357	ng	# 88
89) Benzo(k)fluoranthene	22.70	252	58573m	2.209	ng	
90) Benzo(a)pyrene	23.21	252	123245	4.868	ng	# 93
92) Benzo(a,h,i)perylene	26.10	276	70707	3.189	ng	# 93

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

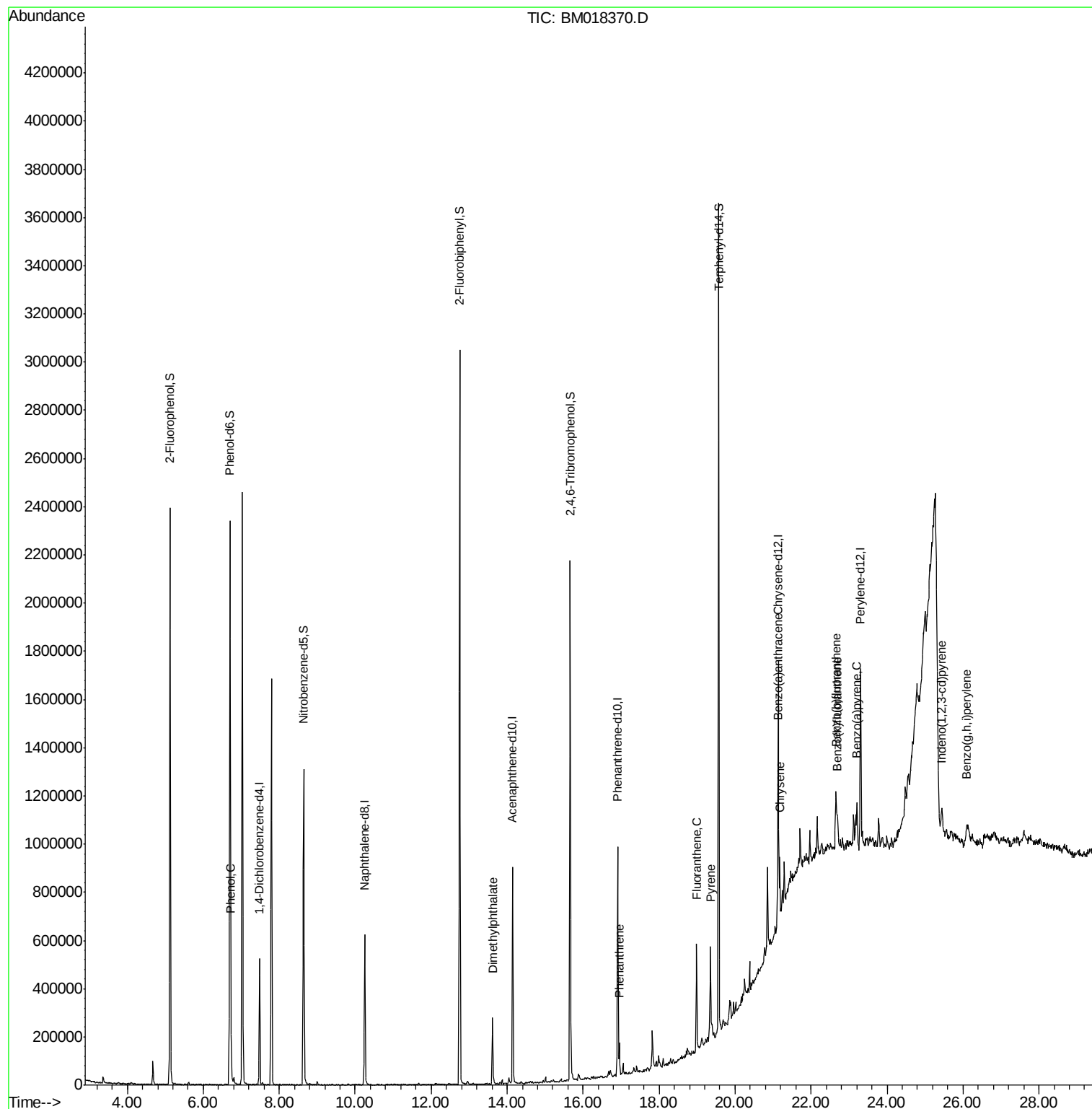
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018370.D
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Sample : J6499-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

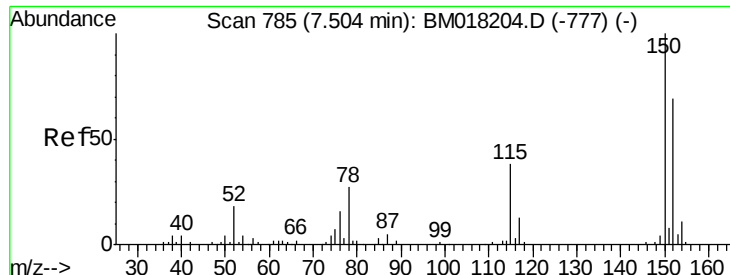
Instrument :
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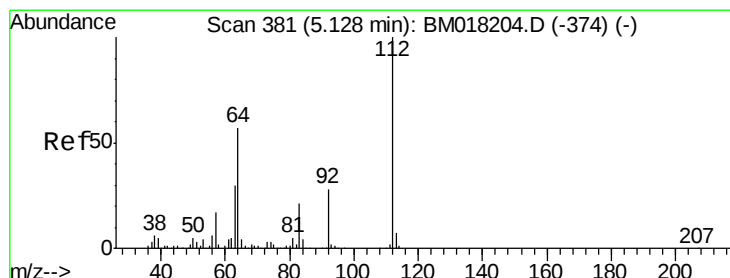
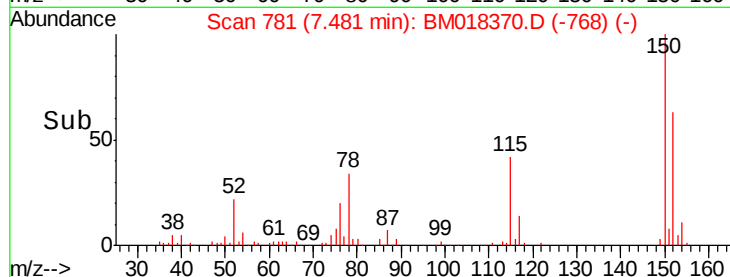
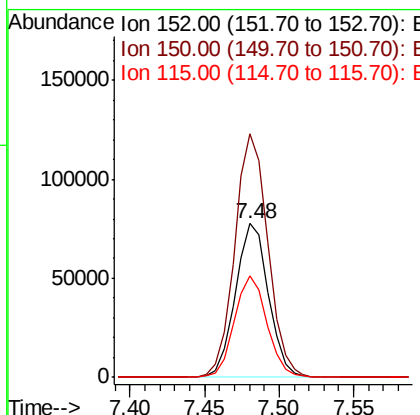
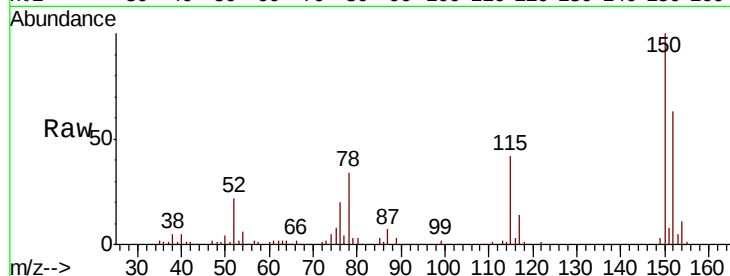
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.48 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BM018370.D
 Acq: 21 Dec 2018 23:05

Instrument :
 BNA_M
 ClientSampled :
 72-11989

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	116.1	174.1
115	66.1	44.6	67.0

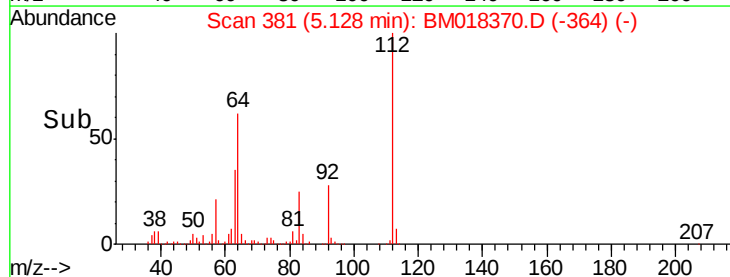
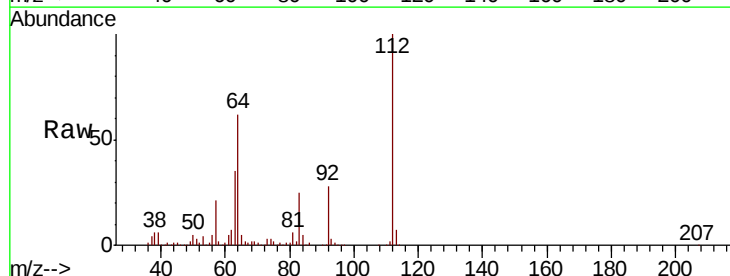
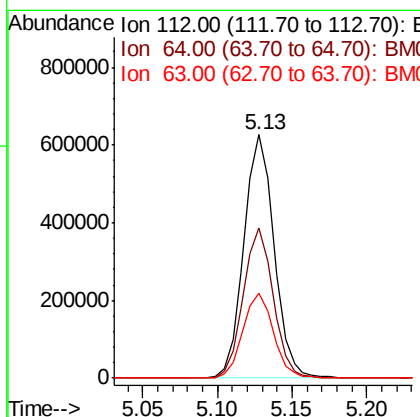
Manual Integrations
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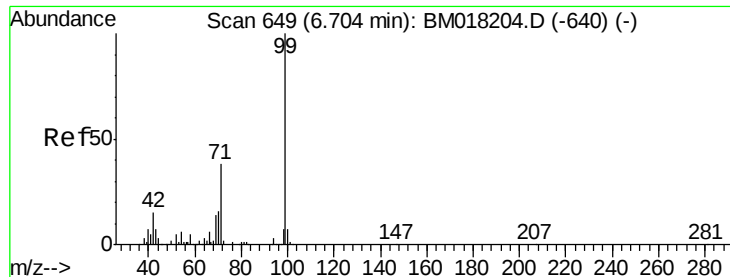
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#5
 2-Fluorophenol
 Concen: 123.060 ng
 RT: 5.13 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BM018370.D
 Acq: 21 Dec 2018 23:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	45.4	68.2
63	34.9	24.0	36.0





#7

Phenol-d6

Concen: 120.388 ng

RT: 6.70 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM018370.D

Acq: 21 Dec 2018 23:05

Instrument :

BNA_M

ClientSampled :

72-11989

Tot Ion: 99 Resp: 1196045

Ion Ratio Lower Upper

99 100

42 17.7 12.3 18.5

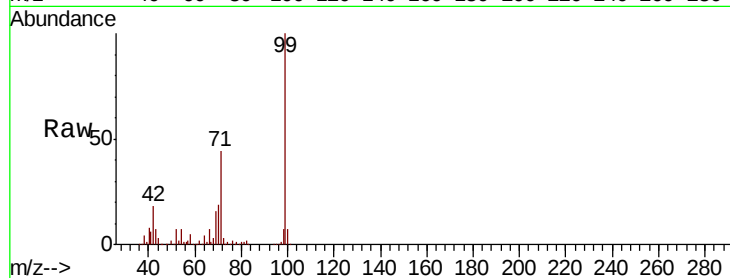
71 44.0 30.2 45.2

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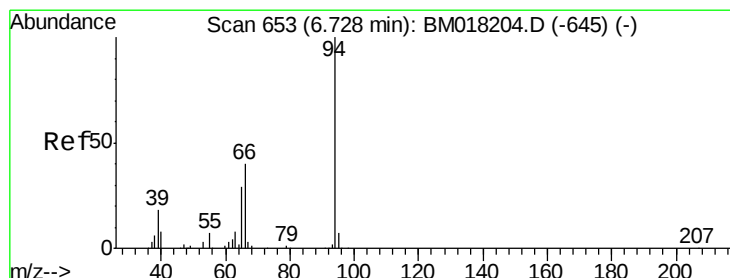
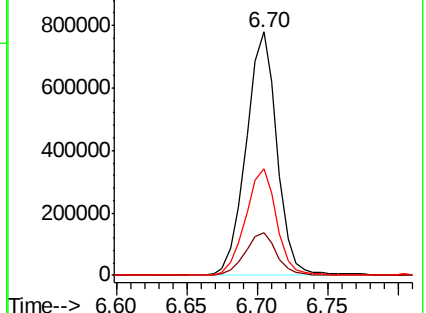
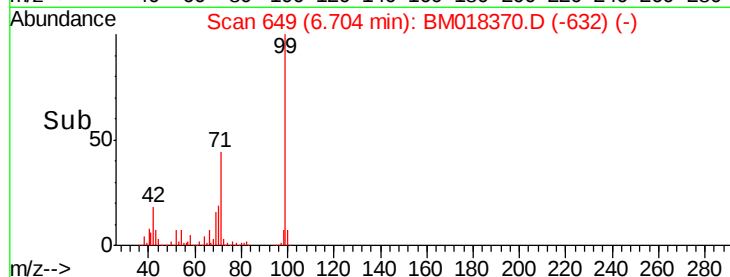
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Abundance Ion 99.00 (98.70 to 99.70): BM018370.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018370.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018370.D (-632) (-)



#10

Phenol

Concen: 8.702 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM018370.D

Acq: 21 Dec 2018 23:05

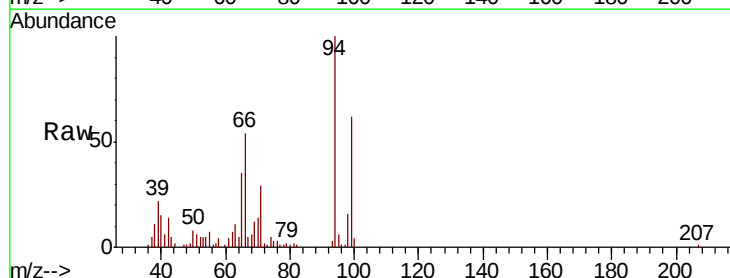
Tgt Ion: 94 Resp: 91556

Ion Ratio Lower Upper

94 100

65 35.1 9.5 49.5

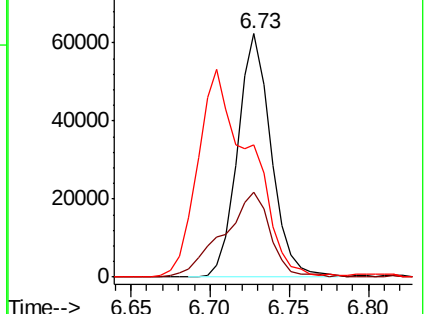
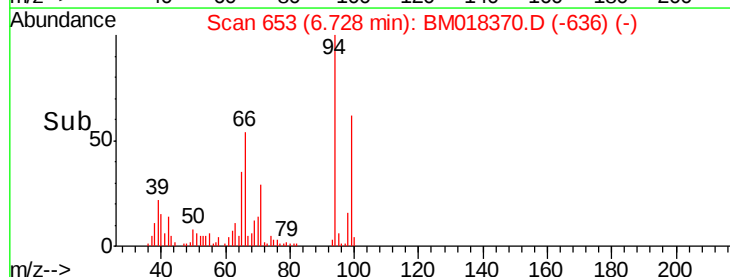
66 54.4 21.3 61.3

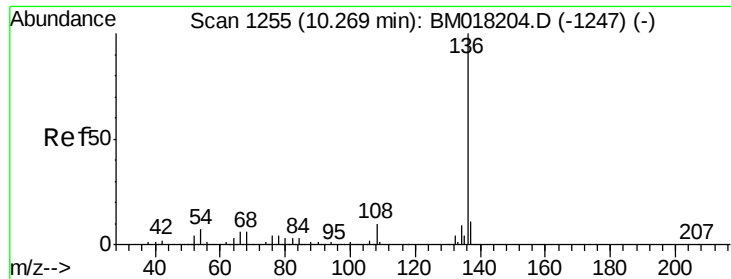


Abundance Ion 94.00 (93.70 to 94.70): BM018370.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018370.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018370.D (-636) (-)





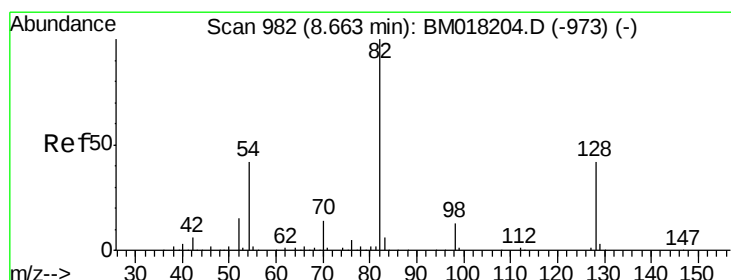
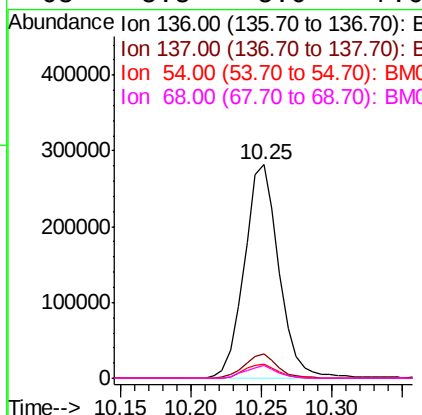
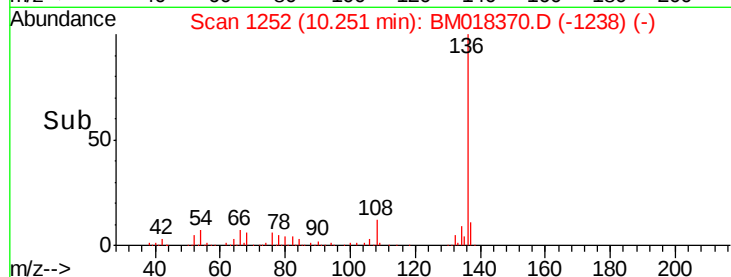
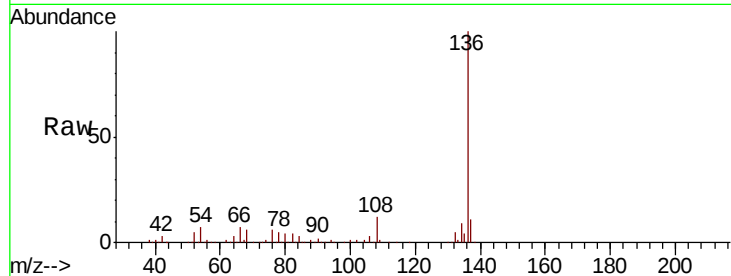
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018370.D
Acq: 21 Dec 2018 23:05

Instrument :
BNA_M
ClientSampleId :
72-11989

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		483273		
137	11.2		9.2	13.8	
54	6.7		5.2	7.8	
68	5.8		5.0	7.6	

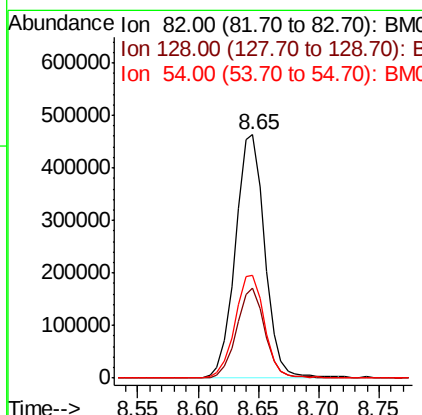
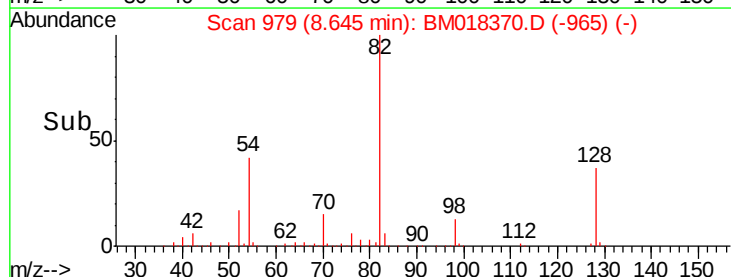
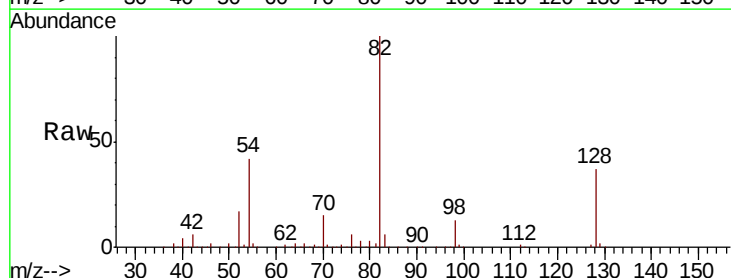
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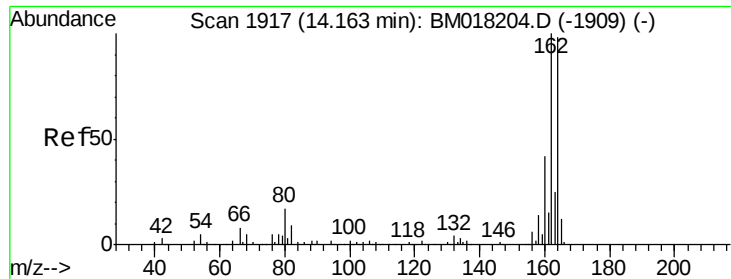
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#23
Nitrobenzene-d5
Concen: 83.927 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018370.D
Acq: 21 Dec 2018 23:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		790739		
128	37.2		33.4	50.2	
54	42.4		33.4	50.2	





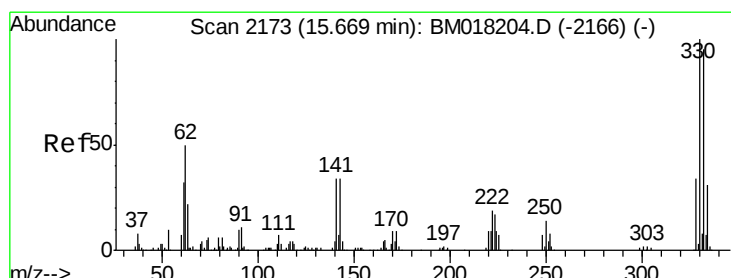
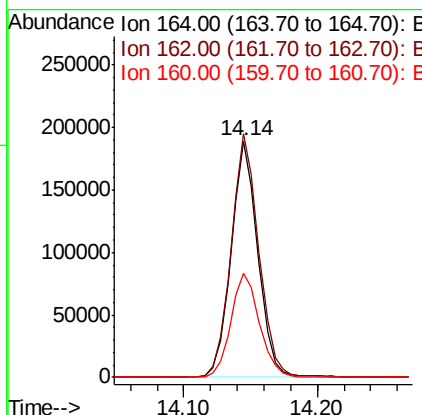
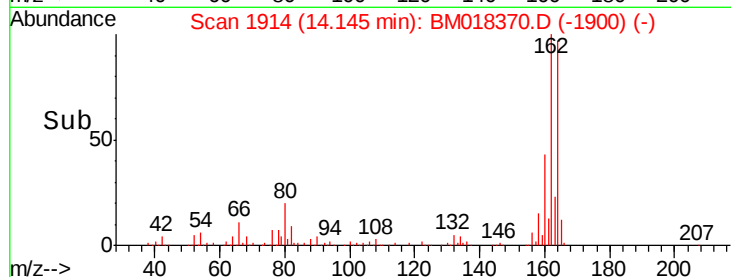
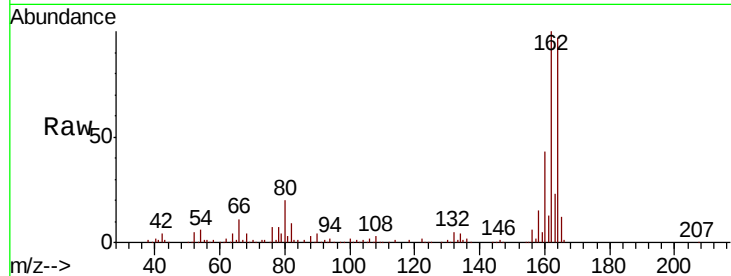
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018370.D
Acq: 21 Dec 2018 23:05

Instrument :
BNA_M
ClientSampleId :
72-11989

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.0	81.8	122.6	
160	44.1	34.6	51.8	

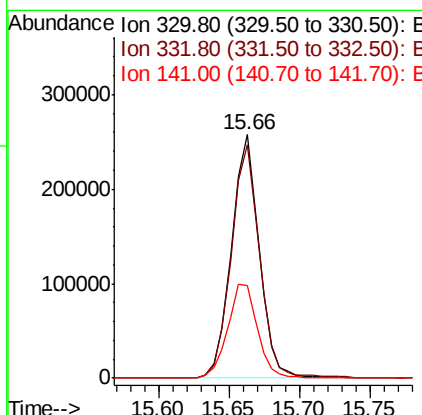
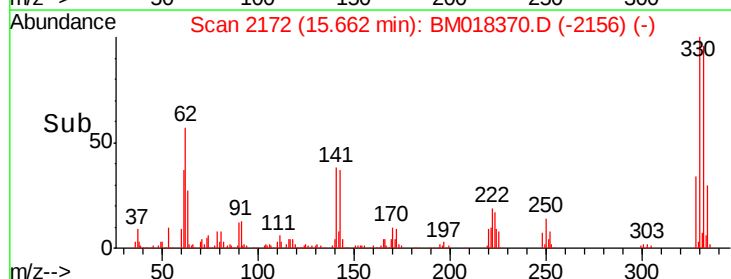
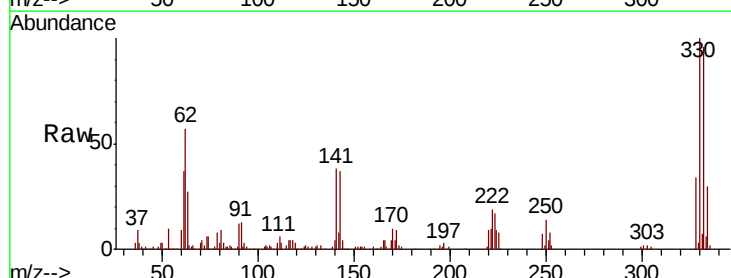
Manual Integrations
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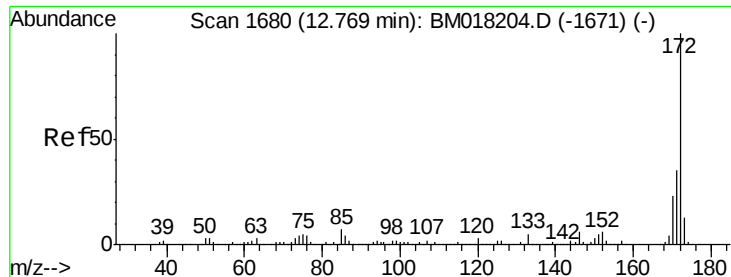
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#42
2,4,6-Tribromophenol
Concen: 91.023 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018370.D
Acq: 21 Dec 2018 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	78.6	118.0	
141	41.5	27.1	40.7#	





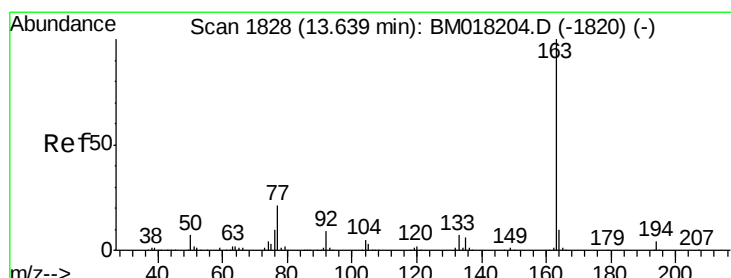
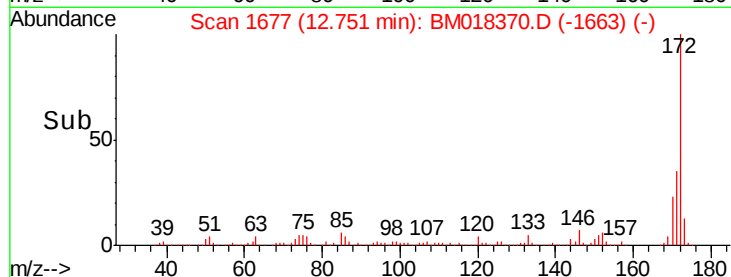
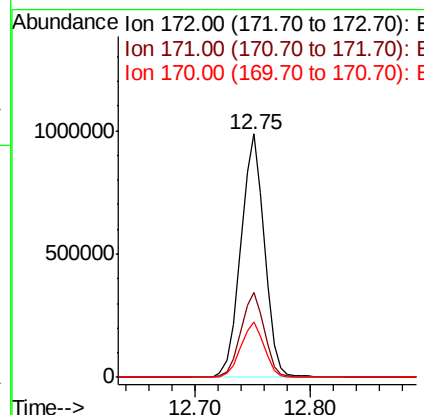
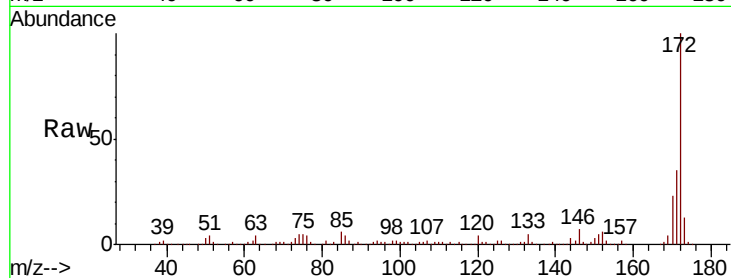
#45
2-Fluorobiphenyl
Concen: 68.226 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018370.D
Acq: 21 Dec 2018 23:05

Instrument :
BNA_M
ClientSampleId :
72-11989

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	22.6	18.1	27.1

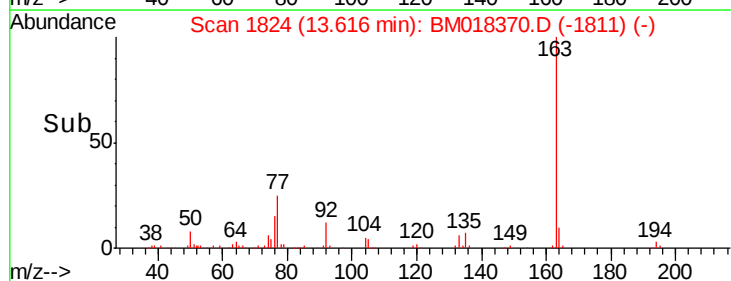
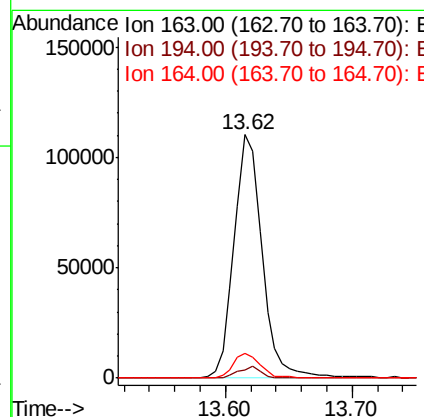
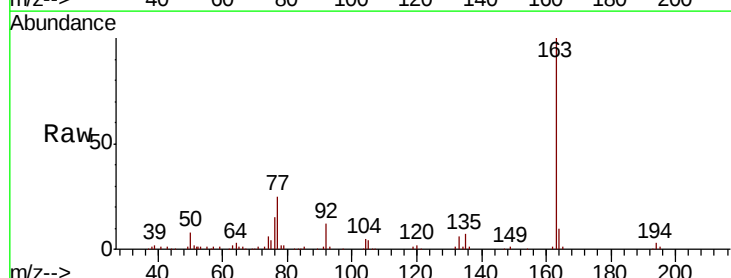
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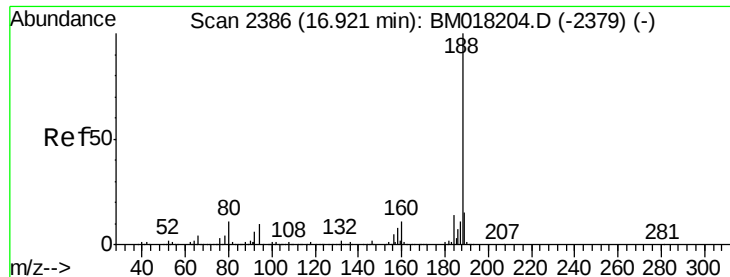
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#50
Dimethylphthalate
Concen: 7.680 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018370.D
Acq: 21 Dec 2018 23:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.1	4.7
164	10.0	7.9	11.9





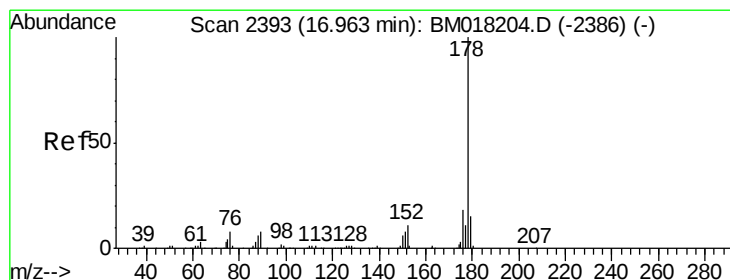
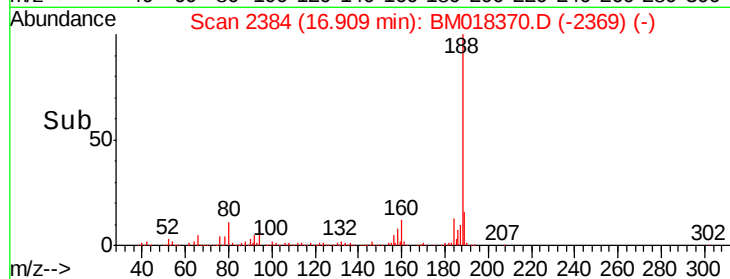
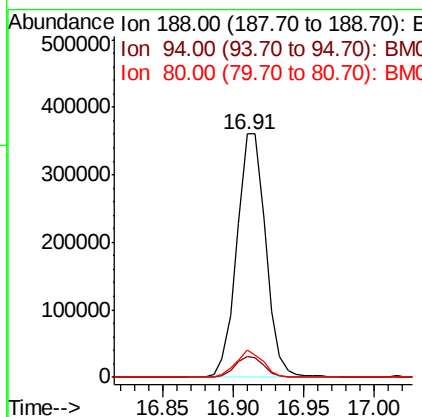
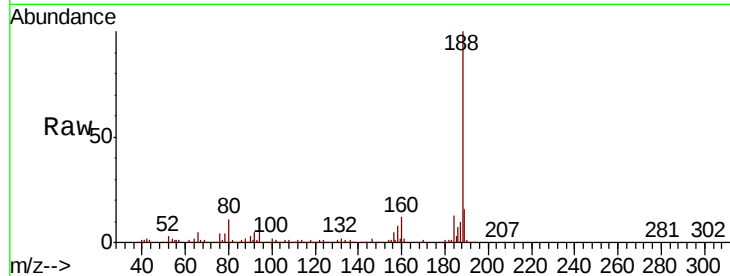
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018370.D
Acq: 21 Dec 2018 23:05

Instrument :
BNA_M
ClientSampled :
72-11989

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	8.0	12.0
80	11.0	9.0	13.6

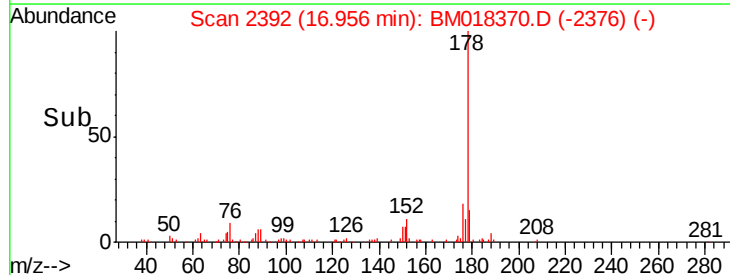
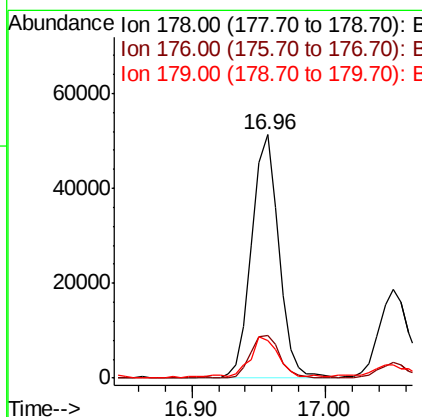
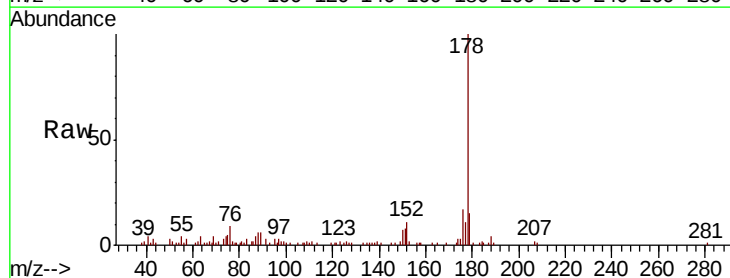
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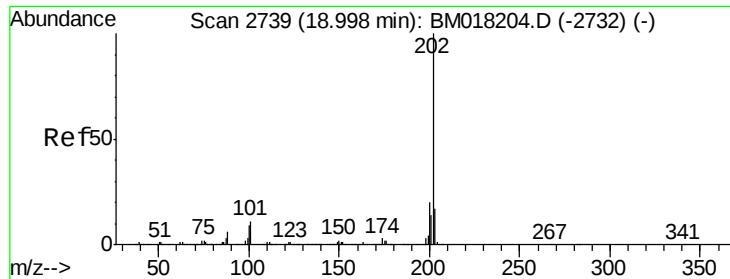
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#71
Phenanthrene
Concen: 2.568 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018370.D
Acq: 21 Dec 2018 23:05

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	17.5	14.7	22.1
179	15.3	12.0	18.0





#75

Fluoranthene

Concen: 7.760 ng

RT: 18.99 min Scan# 2737

Delta R.T. -0.01 min

Lab File: BM018370.D

Acq: 21 Dec 2018 23:05

Instrument :

BNA_M

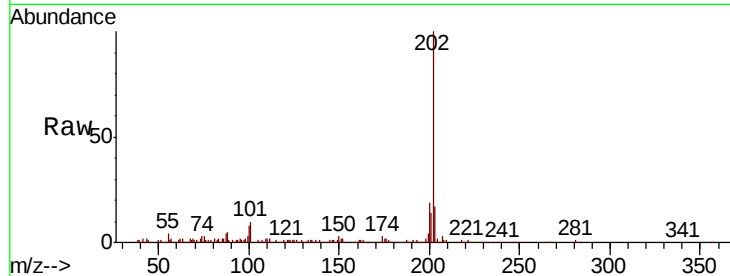
ClientSampled :

72-11989

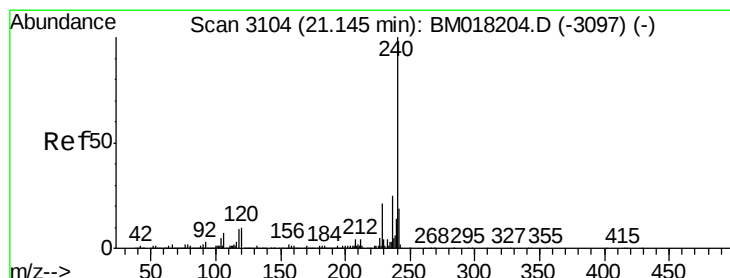
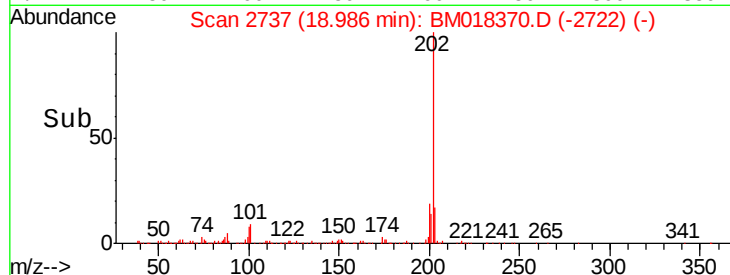
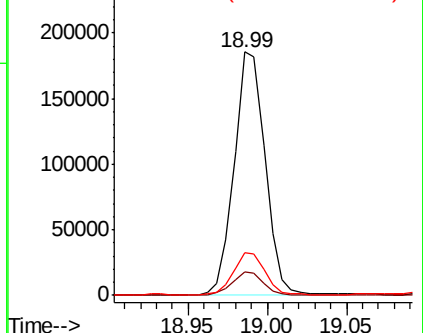
Tot Ion:	202	Resp:	252443
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	30.5
203	17.4	0.0	37.5

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

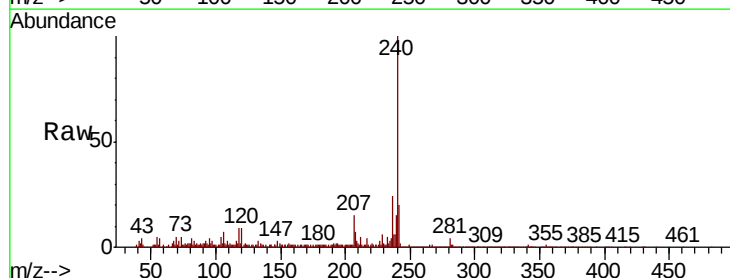
RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

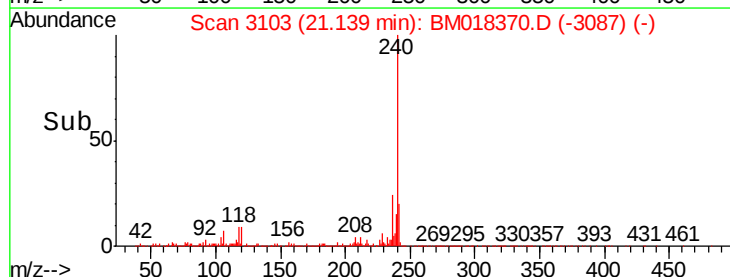
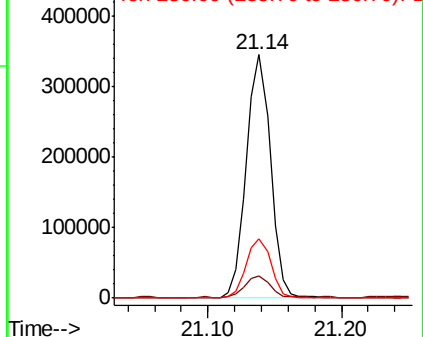
Lab File: BM018370.D

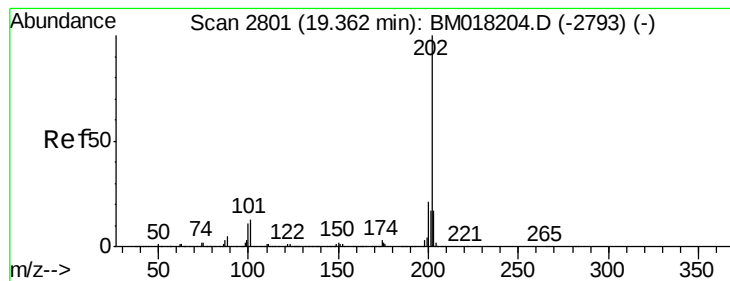
Acq: 21 Dec 2018 23:05

Tgt Ion:	240	Resp:	428136
Ion Ratio	Lower	Upper	
240	100		
120	9.3	8.2	12.2
236	24.3	20.3	30.5



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





#78

Pvrene

Concen: 8.805 ng

RT: 19.36 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM018370.D

Acq: 21 Dec 2018 23:05

Instrument :

BNA_M

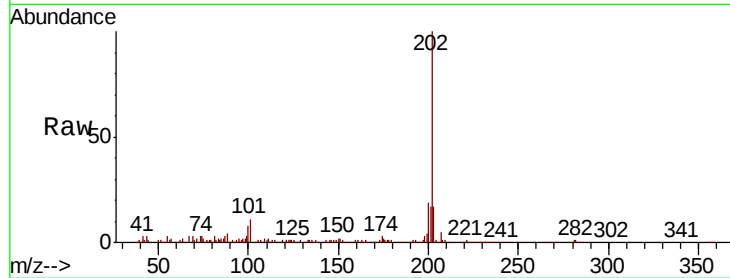
ClientSampleId :

72-11989

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		224619		
200	19.4	16.5		24.7	
203	17.2	14.0		21.0	

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12/26/2018 3:20:14 PM

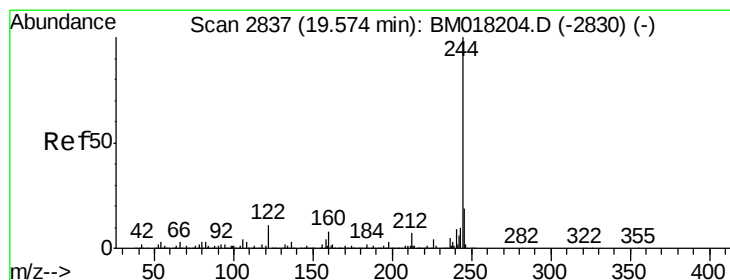
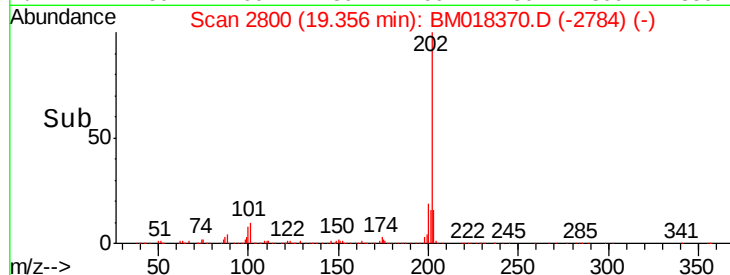
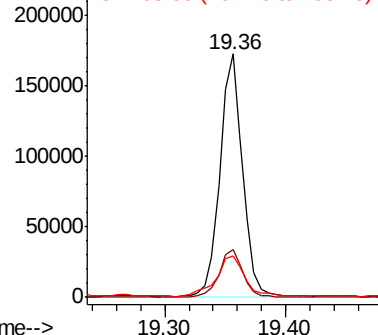


Abundance

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



#79

Terphenyl-d14

Concen: 76.365 ng

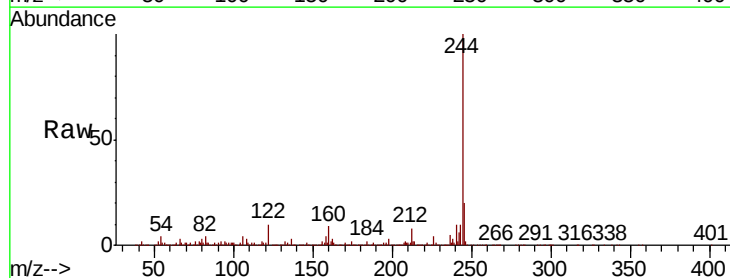
RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018370.D

Acq: 21 Dec 2018 23:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		1445604		
212	7.7	5.8		8.8	
122	9.6	9.0		13.6	

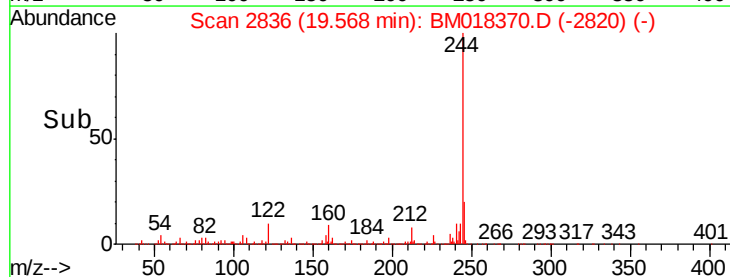
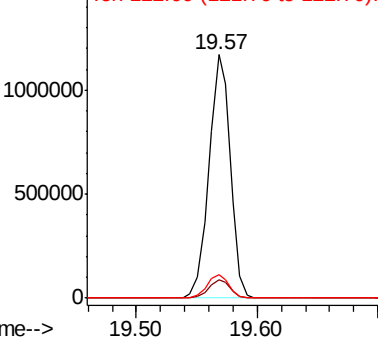


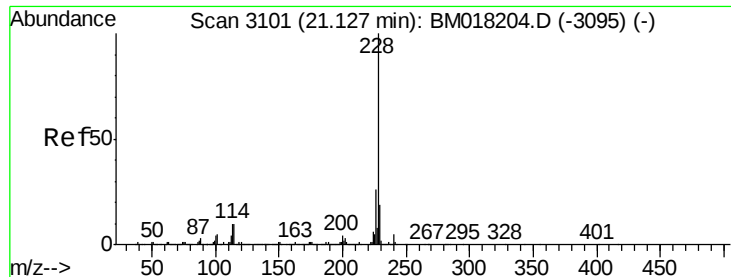
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 5.756 ng

RT: 21.12 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018370.D

Acq: 21 Dec 2018 23:05

Instrument :

BNA_M

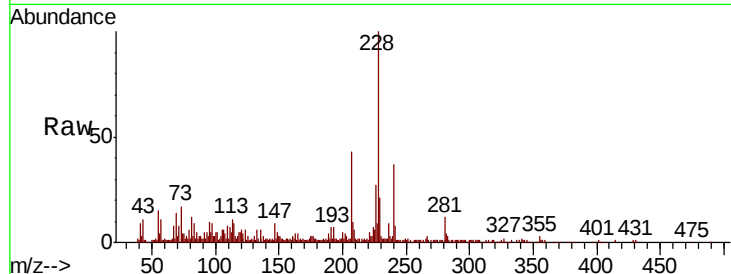
ClientSampleId :

72-11989

Tot Ion:	228	Resp:	143947
Ion Ratio	Lower	Upper	
228	100		
226	26.8	21.0	31.4
229	21.3	15.5	23.3

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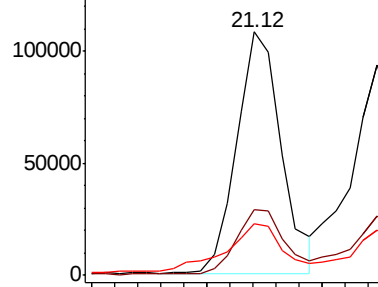


Abundance

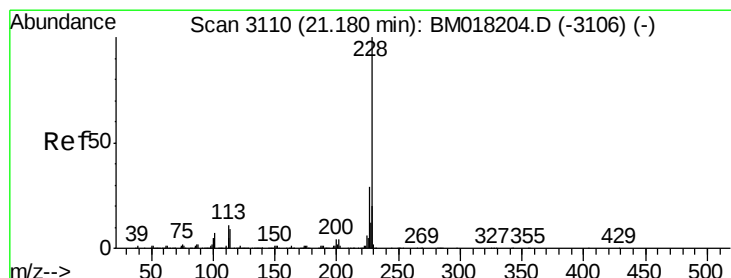
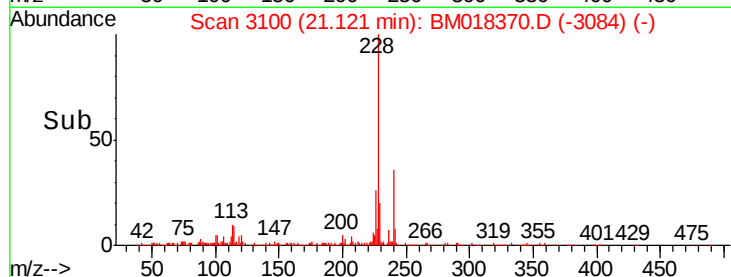
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.05 21.10 21.15



#83

Chrysene

Concen: 5.509 ng

RT: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM018370.D

Acq: 21 Dec 2018 23:05

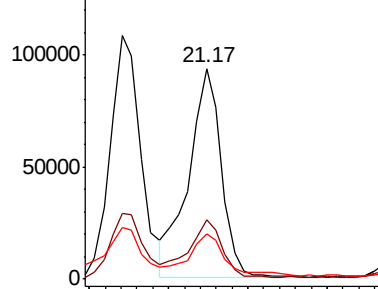
Tgt Ion:	228	Resp:	132511
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.1	34.7
229	21.6	15.8	23.6

Abundance

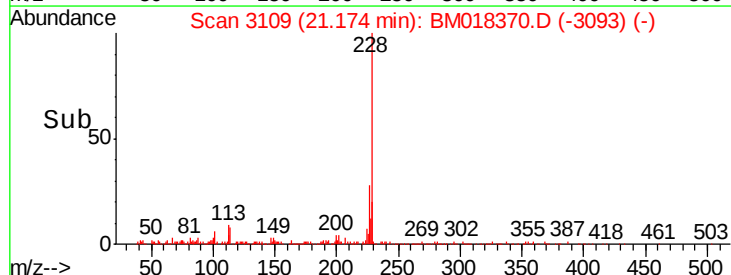
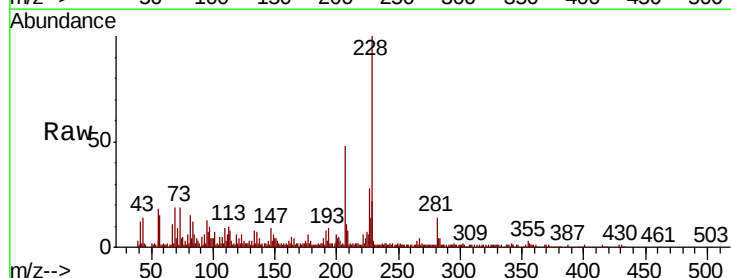
Ion 228.00 (227.70 to 228.70): E

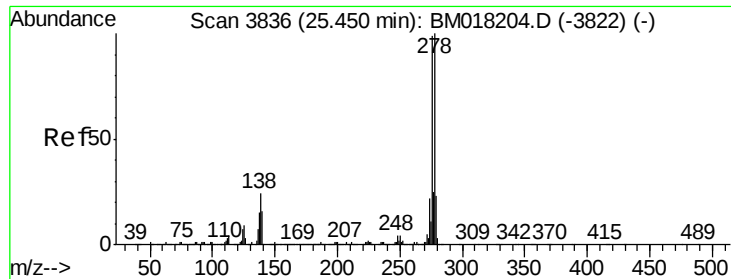
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.10 21.15 21.20 21.25





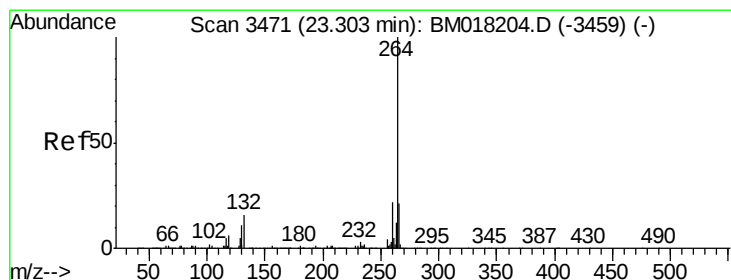
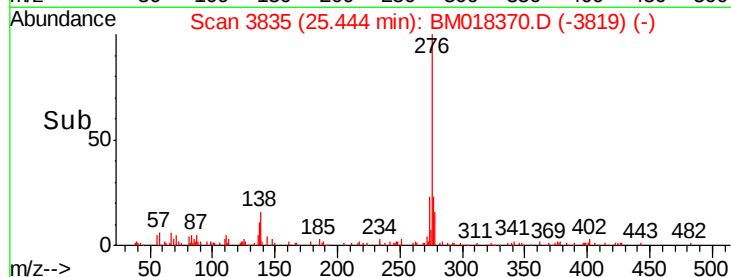
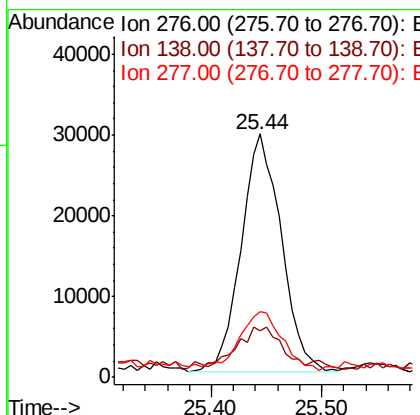
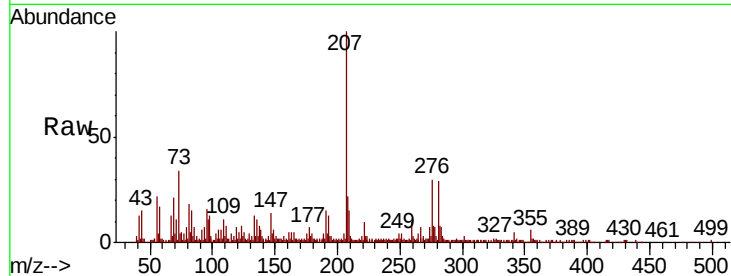
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.130 ng
RT: 25.44 min Scan# 3835
Delta R.T. -0.01 min
Lab File: BM018370.D
Acq: 21 Dec 2018 23:05

Instrument :
BNA_M
ClientSampleId :
72-11989

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	18.6	28.0#
277	26.9	20.3	30.5

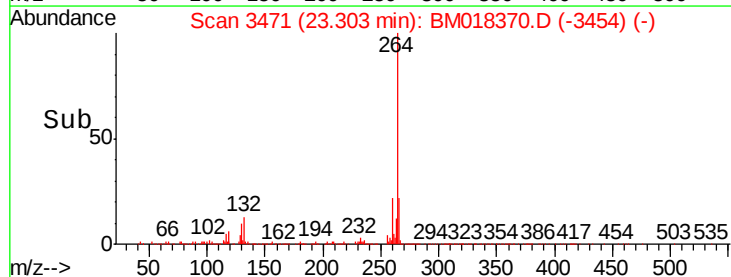
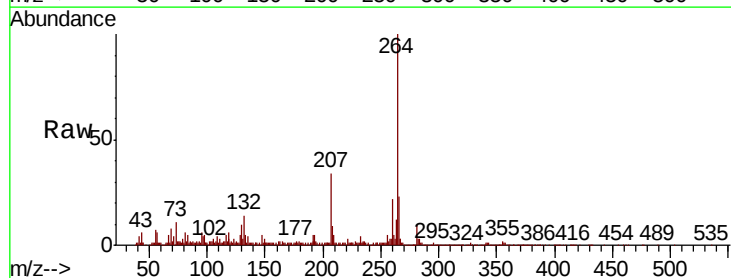
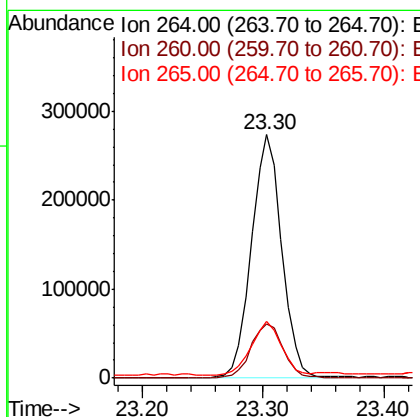
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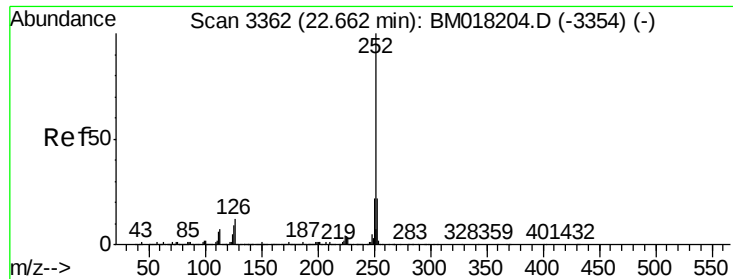
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12/26/2018 3:20:14 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. -0.00 min
Lab File: BM018370.D
Acq: 21 Dec 2018 23:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.5	26.3
265	23.2	17.3	25.9





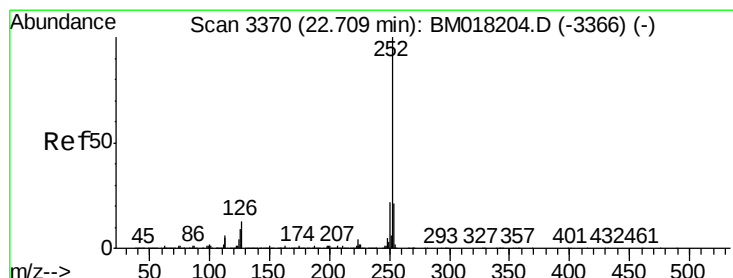
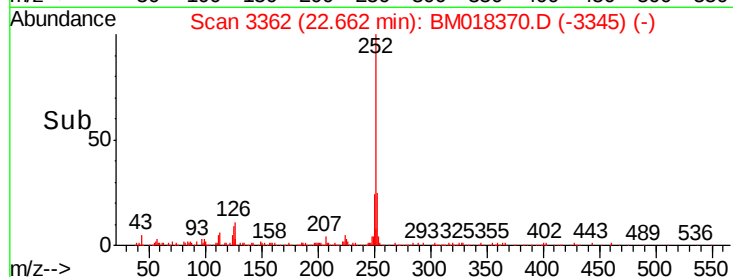
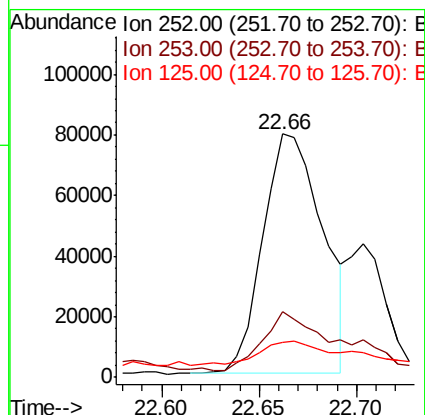
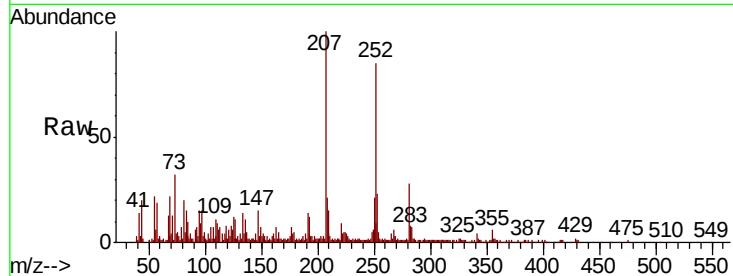
#88
Benzo(b)fluoranthene
Concen: 6.357 ng
RT: 22.66 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BM018370.D
Acq: 21 Dec 2018 23:05

Instrument :
BNA_M
ClientSampleId :
72-11989

Tot Ion	Ratio	Resp	Lower	Upper
252	100	169223		
253	26.9	17.6	26.4#	
125	14.5	7.4	11.0#	

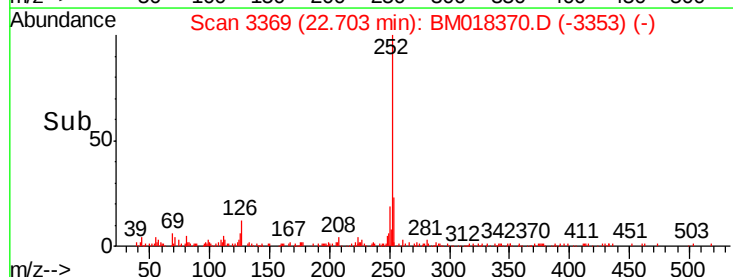
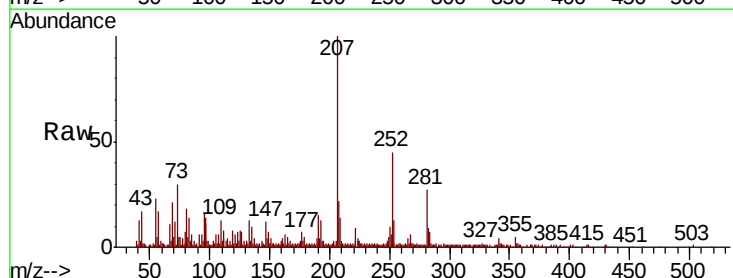
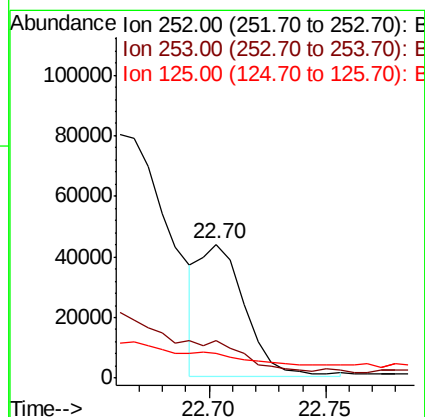
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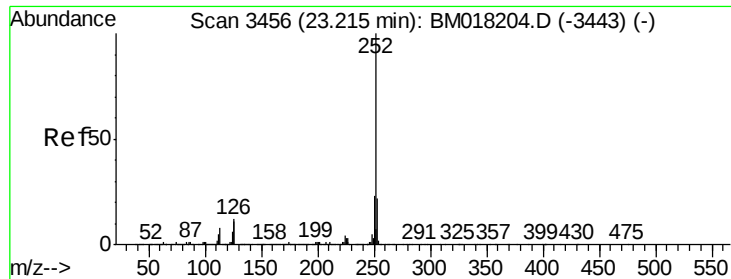
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#89
Benzo(k)fluoranthene
Concen: 2.209 ng m
RT: 22.70 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM018370.D
Acq: 21 Dec 2018 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	58573		
253	27.7	16.9	25.3#	
125	18.0	7.5	11.3#	





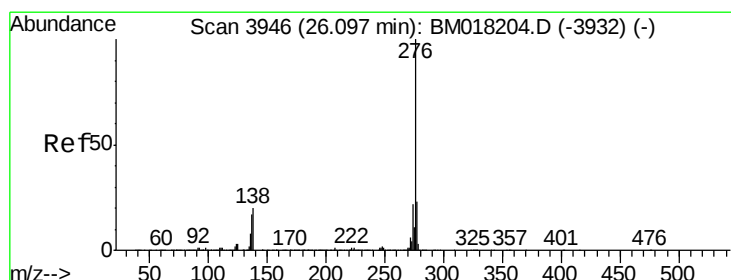
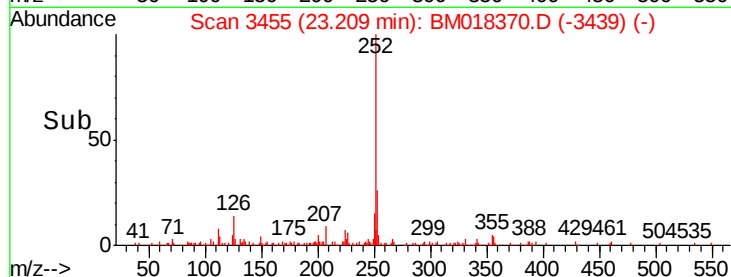
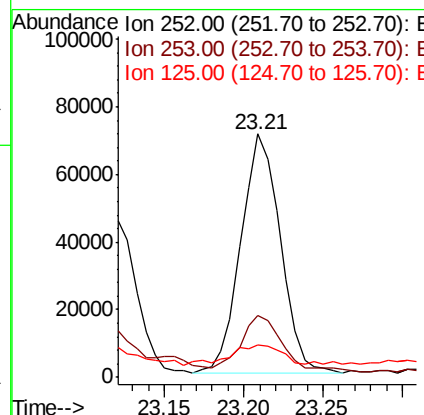
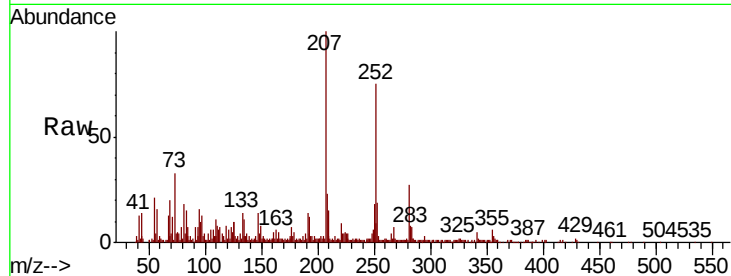
#90
Benzo(a)pyrene
Concen: 4.868 ng
RT: 23.21 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BM018370.D
Acq: 21 Dec 2018 23:05

Instrument :
BNA_M
ClientSampleId :
72-11989

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.6	26.4
125	13.3	8.6	12.8#

Manual Integrations
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12/26/2018 3:20:14 PM



#92
Benzo(g,h,i)perylene
Concen: 3.189 ng
RT: 26.10 min Scan# 3946
Delta R.T. -0.00 min
Lab File: BM018370.D
Acq: 21 Dec 2018 23:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.7	28.1
138	24.5	15.8	23.8#

