

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
 Data File : BM018336.D
 Acq On : 20 Dec 2018 18:45
 Operator : JU/SJ
 Sample : J6357-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-09A

Manual Integrations
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Quant Time: Dec 21 01:57:20 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	143471	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	587640	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	332189	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	690564	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	572434	20.00	ng	-0.01
87) Perylene-d12	23.29	264	578768	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1121926	130.63	ng	0.00
7) Phenol-d6	6.69	99	1601346	134.14	ng	-0.01
23) Nitrobenzene-d5	8.64	82	1179285	102.94	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	466657	95.71	ng	-0.02
45) 2-Fluorobiphenyl	12.74	172	2166877	84.49	ng	-0.02
79) Terphenyl-d14	19.56	244	2396861	94.70	ng	-0.01
Target Compounds						
10) Phenol	6.72	94	124245	9.828	ng	99
50) Dimethylphthalate	13.62	163	172449	6.244	ng	99
71) Phenanthrene	16.94	178	94589	2.522	ng	98
75) Fluoranthene	18.98	202	166062	3.808	ng	100
78) Pyrene	19.35	202	174577	5.118	ng	99
81) Benzo(a)anthracene	21.12	228	114675	3.429	ng	97
83) Chrysene	21.17	228	106522m	3.312	ng	
86) Indeno(1,2,3-cd)pyrene	25.42	276	79194	2.472	ng	95
88) Benzo(b)fluoranthene	22.66	252	153684	4.727	ng	# 95
90) Benzo(a)pyrene	23.20	252	95843	3.100	ng	# 88
92) Benzo(g,h,i)perylene	26.07	276	74052	2.735	ng	96

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

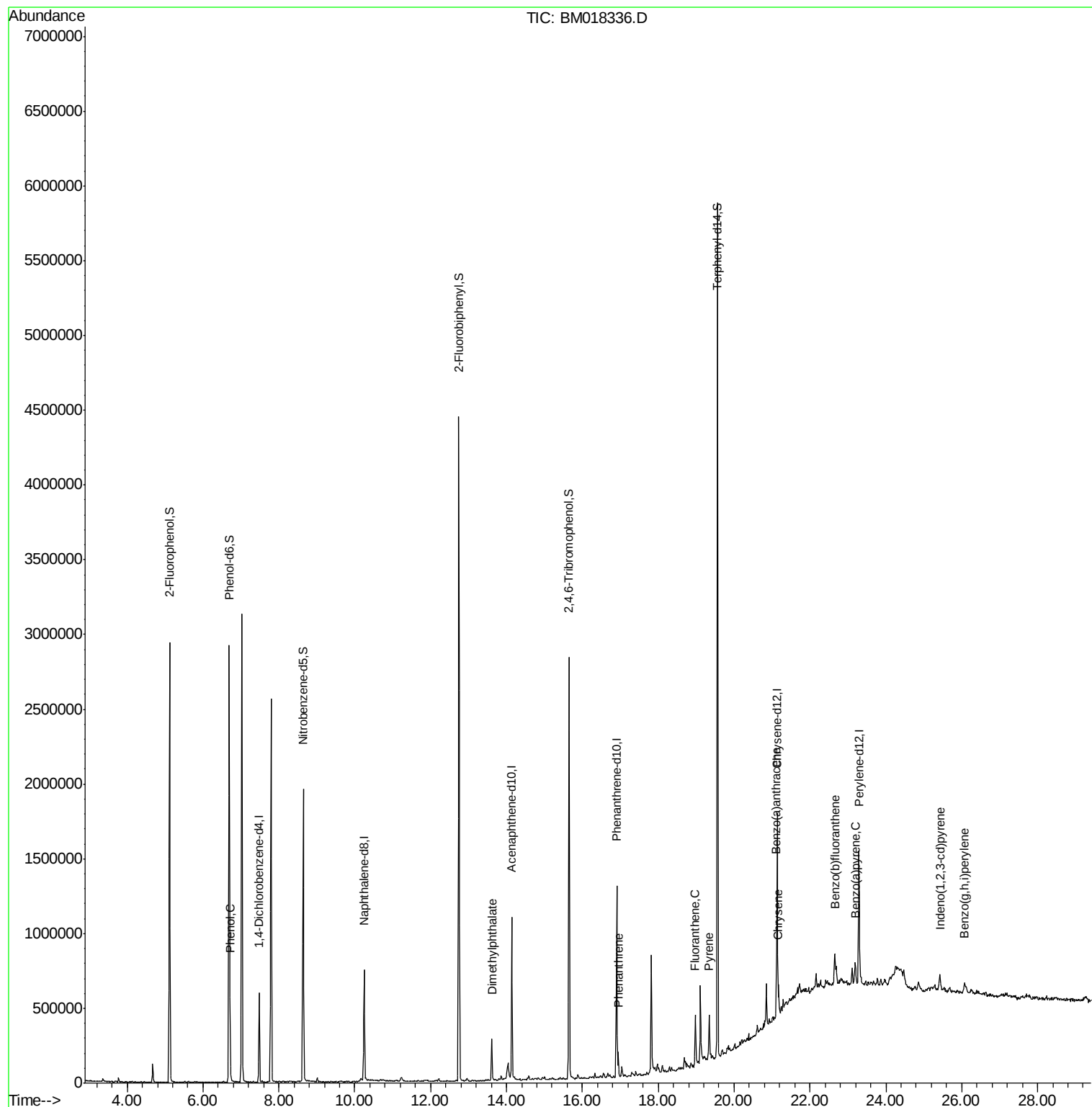
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018336.D
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ALS Vial : 7 Sample Multiplier: 1

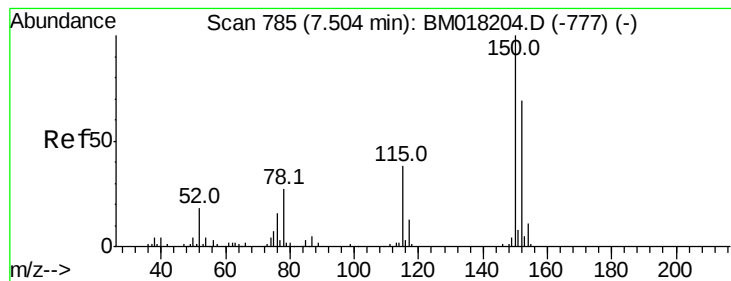
Instrument :
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SB-09A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
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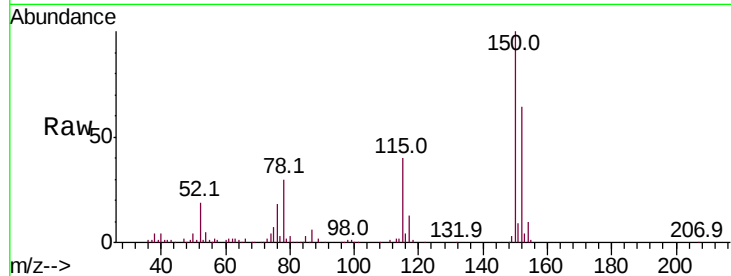
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.48 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BM018336.D
 Acq: 20 Dec 2018 18:45

Instrument :
 BNA_M
 ClientSampleId :
 SB-09A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	116.1	174.1
115	62.2	44.6	67.0

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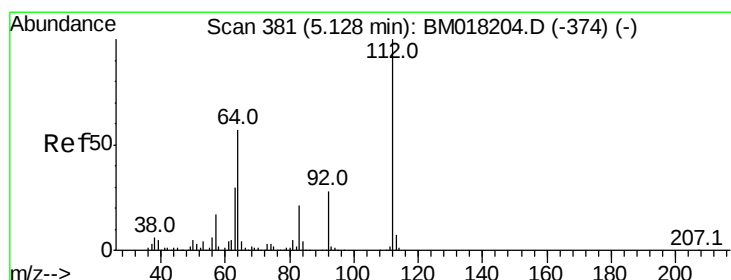
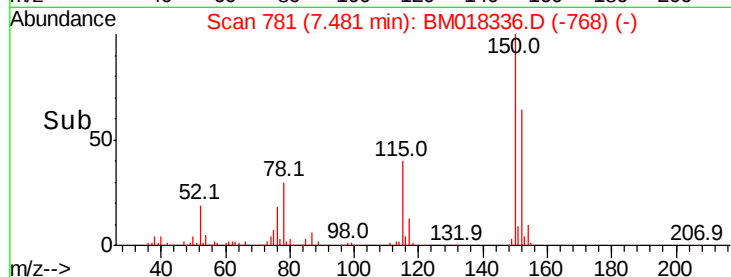
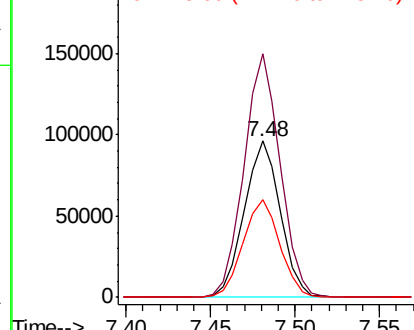


Abundance

Ion 152.00 (151.70 to 152.70): E

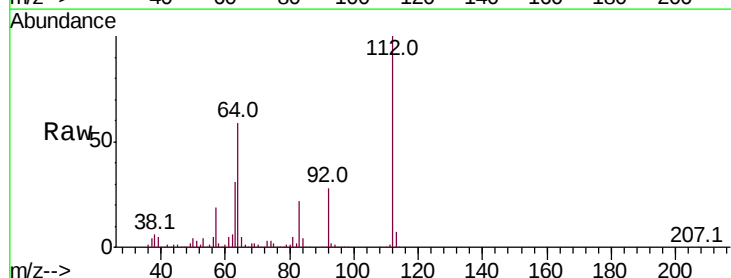
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 130.630 ng
 RT: 5.12 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: BM018336.D
 Acq: 20 Dec 2018 18:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.4	68.2
63	31.5	24.0	36.0

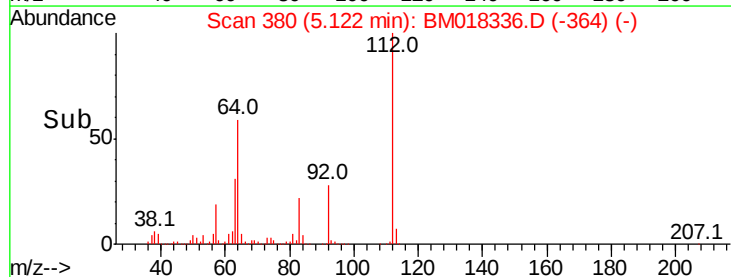
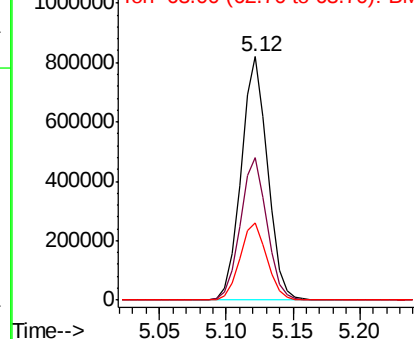


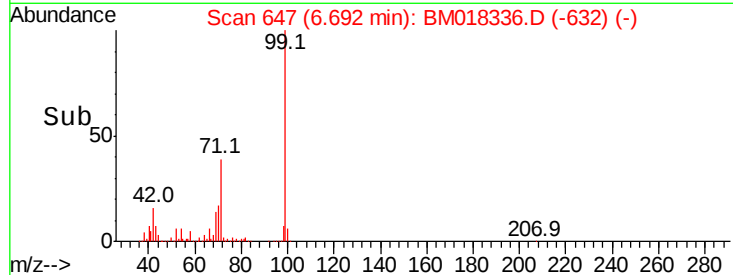
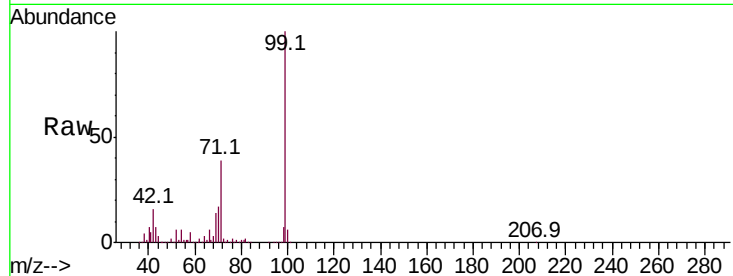
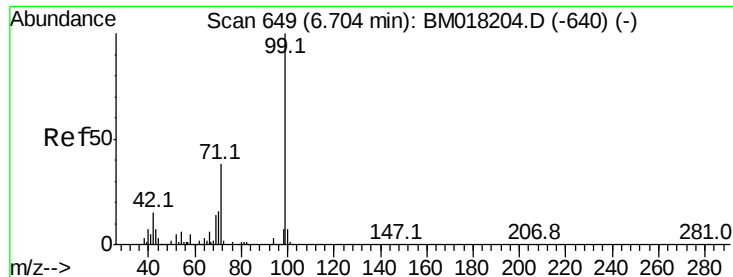
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 134.145 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018336.D

Acq: 20 Dec 2018 18:45

Tot Ion:	99	Resp:	1601346
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.3	18.5
71	38.8	30.2	45.2

Instrument :

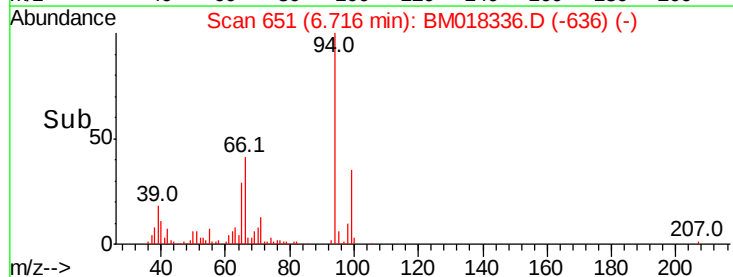
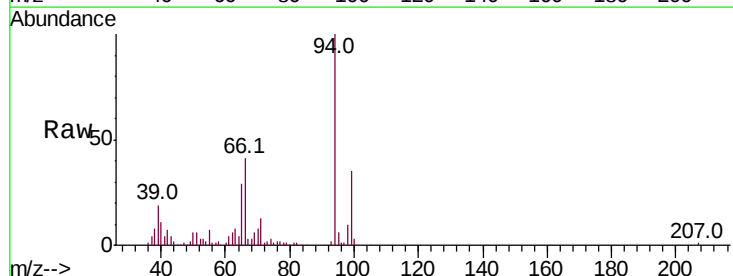
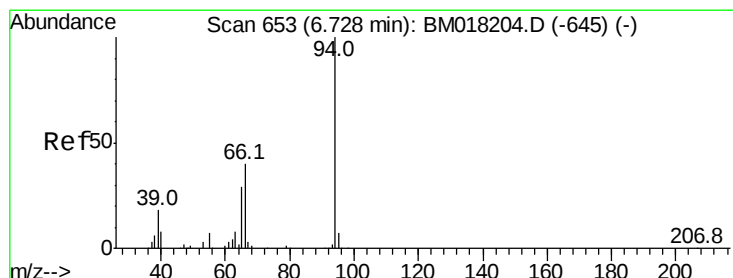
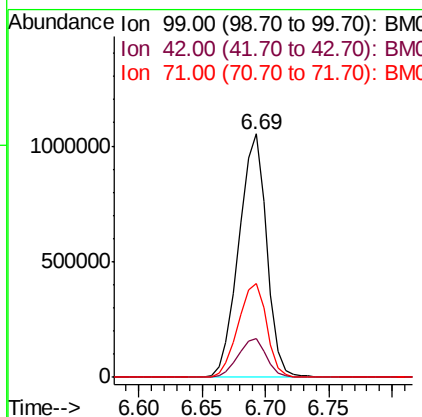
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#10

Phenol

Concen: 9.828 ng

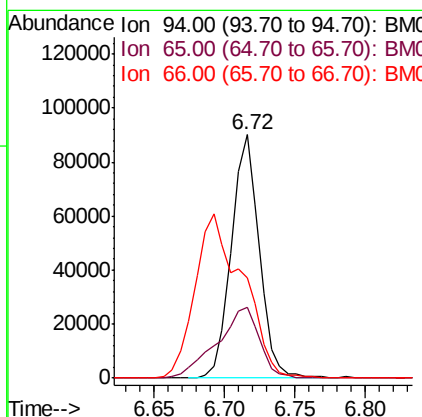
RT: 6.72 min Scan# 651

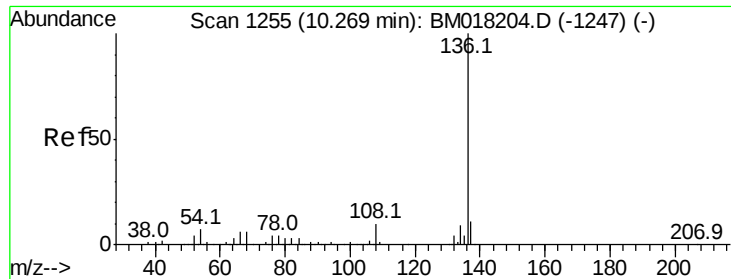
Delta R.T. -0.01 min

Lab File: BM018336.D

Acq: 20 Dec 2018 18:45

Tgt Ion:	94	Resp:	124245
Ion	Ratio	Lower	Upper
94	100		
65	29.0	9.5	49.5
66	41.0	21.3	61.3





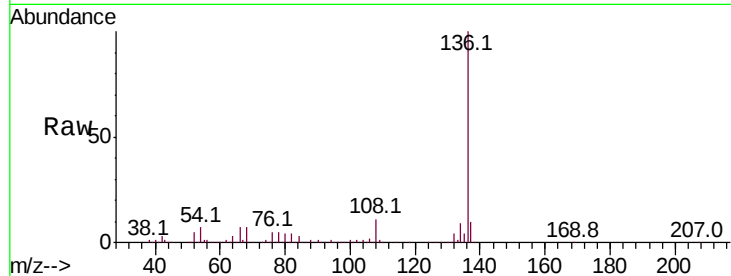
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BM018336.D
Acq: 20 Dec 2018 18:45

Instrument :
BNA_M
ClientSampled :
SB-09A

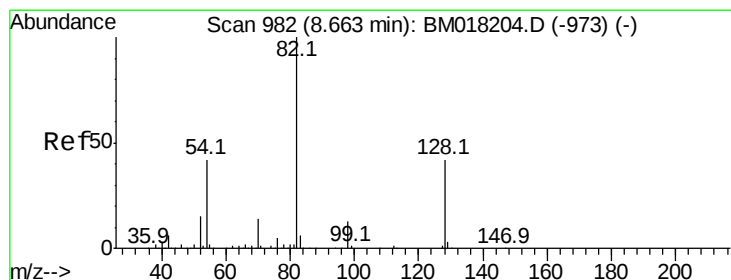
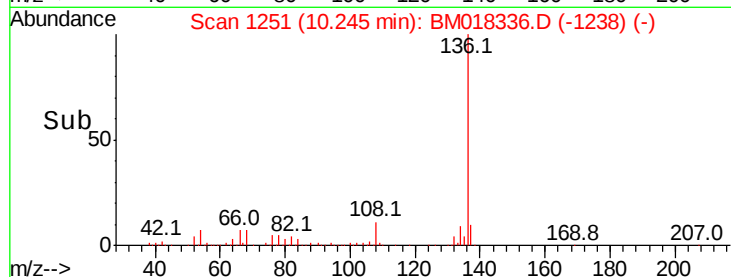
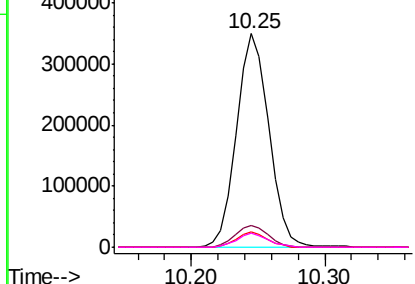
Tot Ion	136	Resp	587640
Ion Ratio	Lower	Upper	
136	100		
137	10.3	9.2	13.8
54	7.0	5.2	7.8
68	6.7	5.0	7.6

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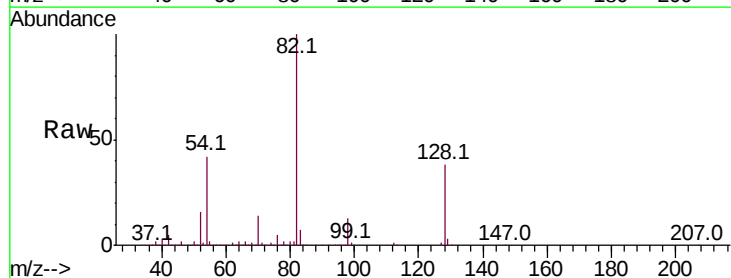


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

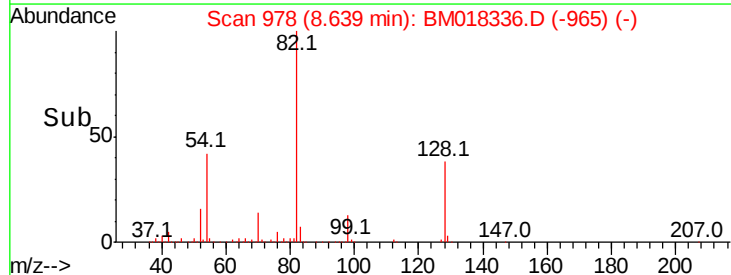
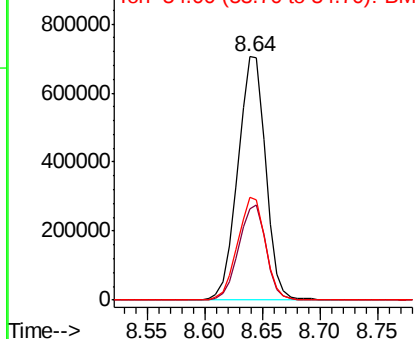


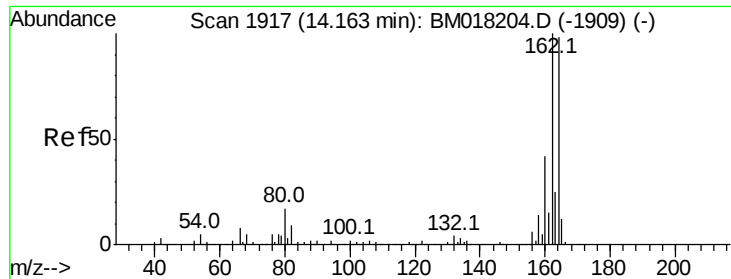
#23
Nitrobenzene-d5
Concen: 102.937 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018336.D
Acq: 20 Dec 2018 18:45

Tgt Ion	82	Resp	1179285
Ion Ratio	Lower	Upper	
82	100		
128	37.6	33.4	50.2
54	42.4	33.4	50.2



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





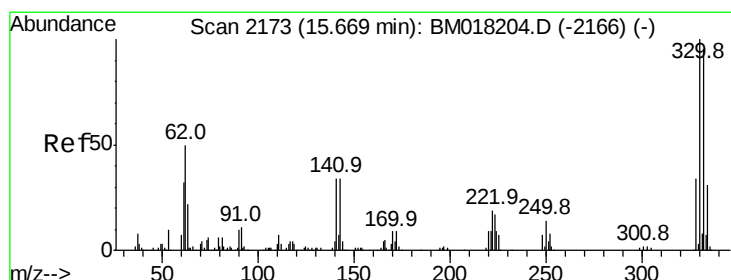
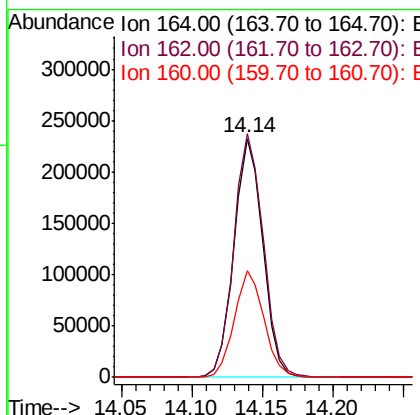
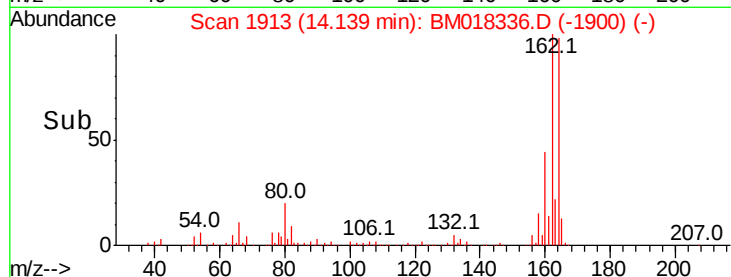
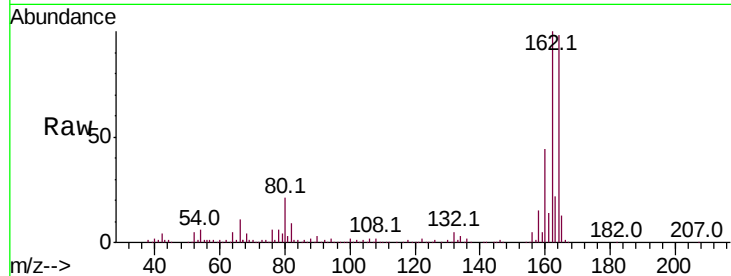
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM018336.D
Acq: 20 Dec 2018 18:45

Instrument :
BNA_M
ClientSampleId :
SB-09A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	81.8	122.6	
160	44.5	34.6	51.8	

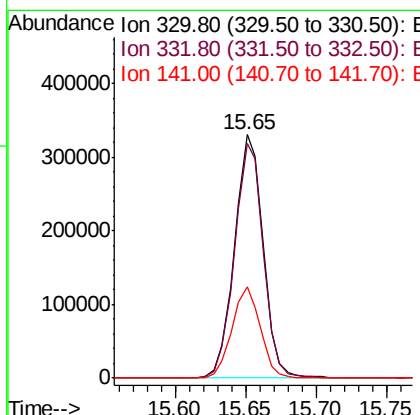
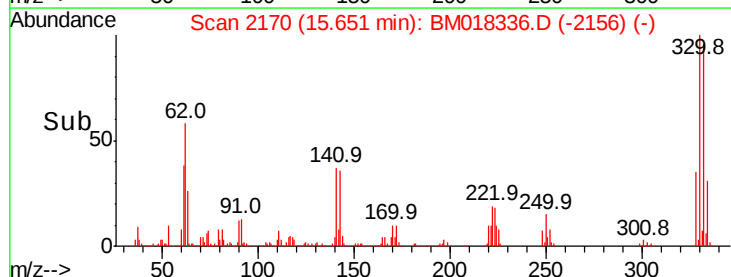
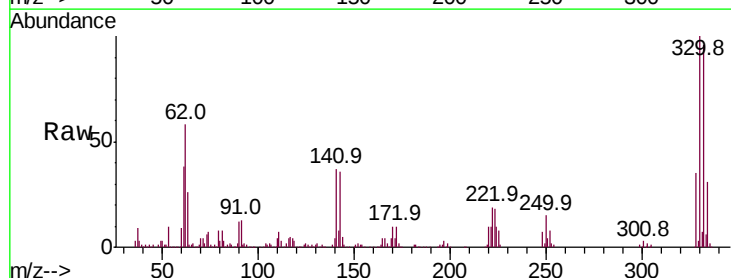
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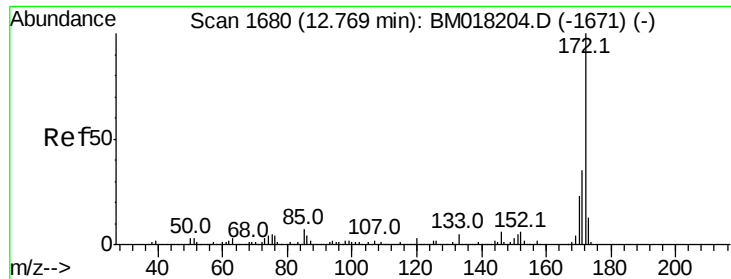
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#42
2,4,6-Tribromophenol
Concen: 95.712 ng
RT: 15.65 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BM018336.D
Acq: 20 Dec 2018 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	78.6	118.0	
141	37.3	27.1	40.7	





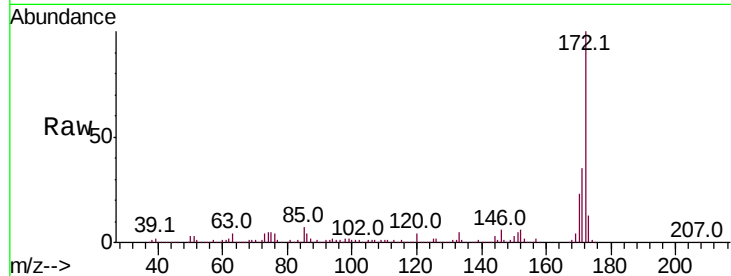
#45
2-Fluorobiphenyl
Concen: 84.489 ng
RT: 12.74 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BM018336.D
Acq: 20 Dec 2018 18:45

Instrument :
BNA_M
ClientSampled :
SB-09A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.0	18.1	27.1

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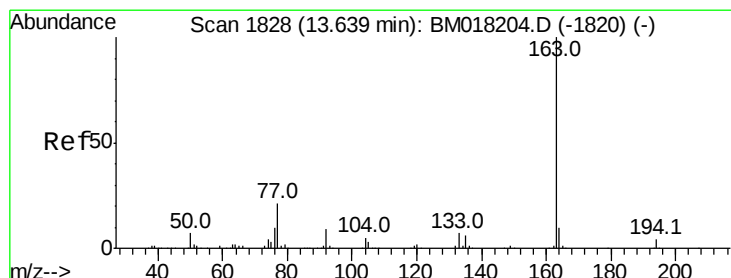
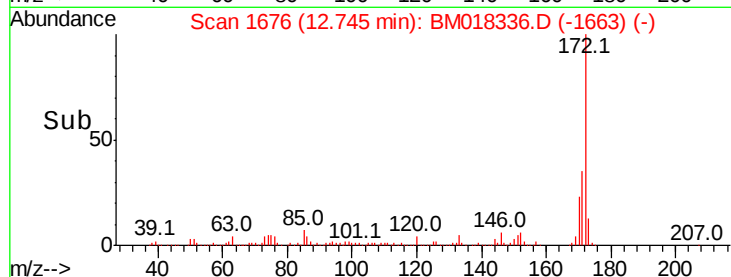
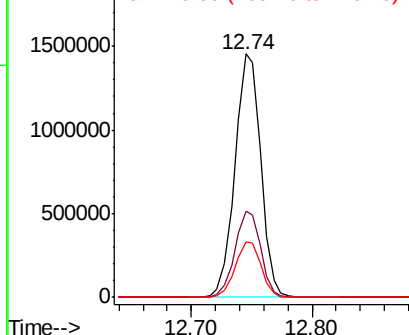


Abundance

Ion 172.00 (171.70 to 172.70): E

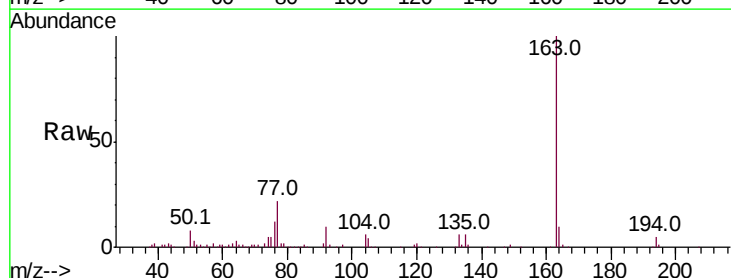
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.244 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018336.D
Acq: 20 Dec 2018 18:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.1	4.7
164	10.0	7.9	11.9

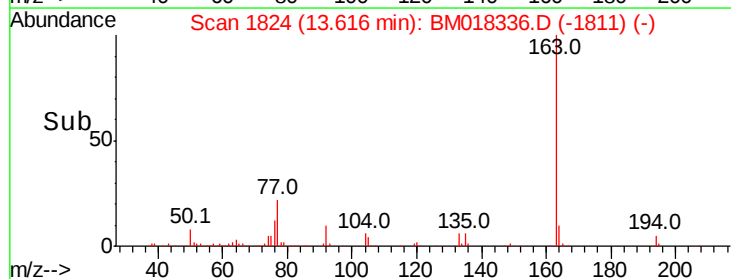
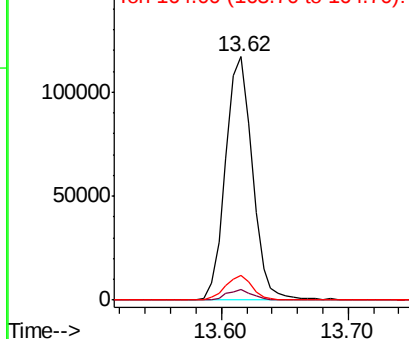


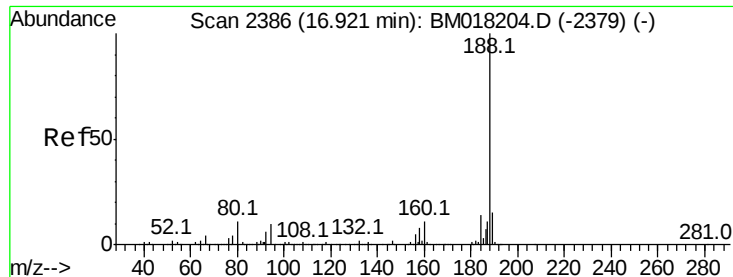
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





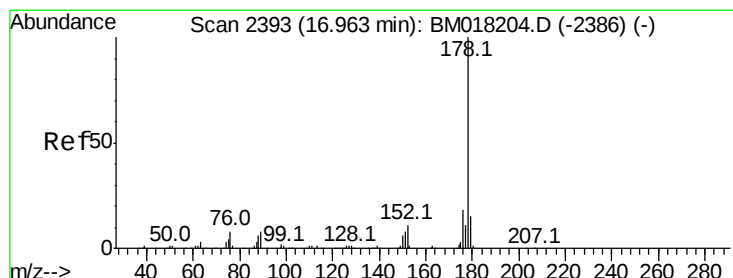
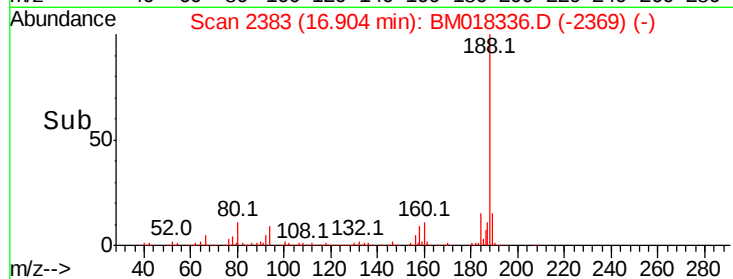
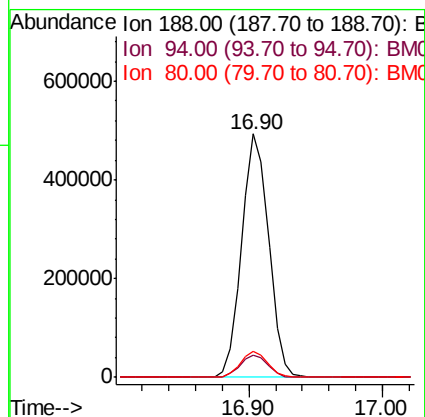
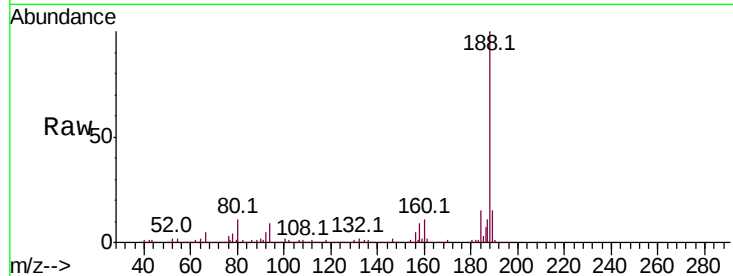
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018336.D
Acq: 20 Dec 2018 18:45

Instrument :
BNA_M
ClientSampled :
SB-09A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	8.0	12.0
80	10.8	9.0	13.6

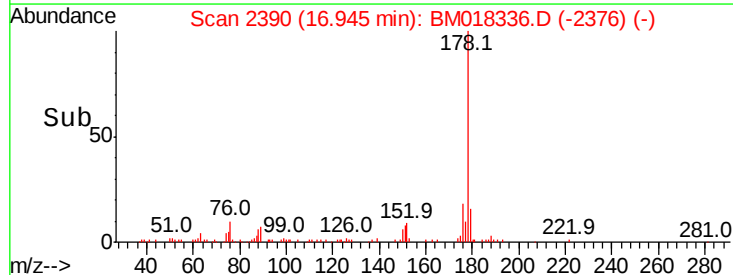
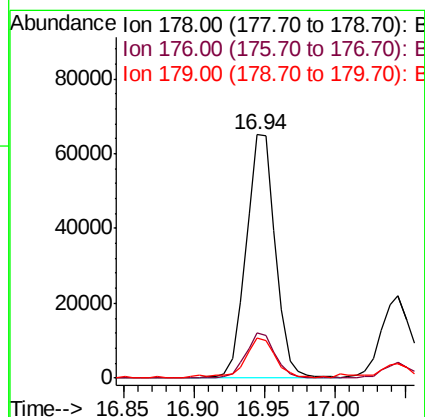
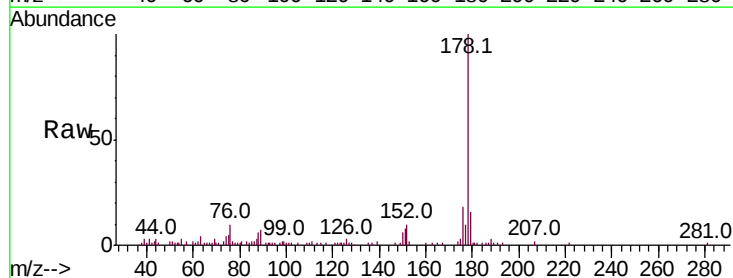
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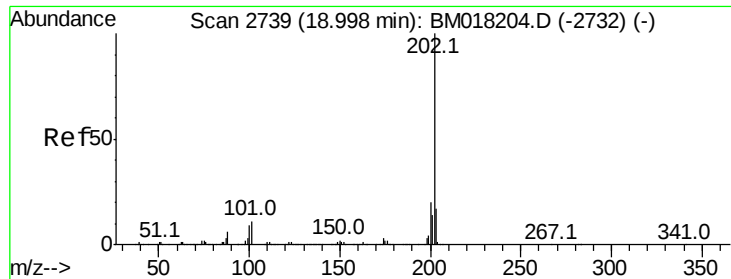
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#71
Phenanthrene
Concen: 2.522 ng
RT: 16.94 min Scan# 2390
Delta R.T. -0.02 min
Lab File: BM018336.D
Acq: 20 Dec 2018 18:45

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.3	14.7	22.1
179	16.4	12.0	18.0





#75

Fluoranthene

Concen: 3.808 ng

RT: 18.98 min Scan# 2736

Delta R.T. -0.02 min

Lab File: BM018336.D

Acq: 20 Dec 2018 18:45

Instrument :

BNA_M

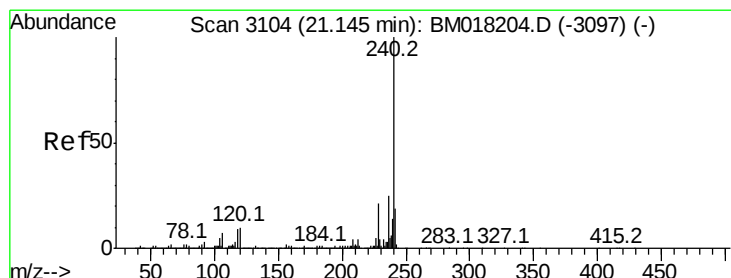
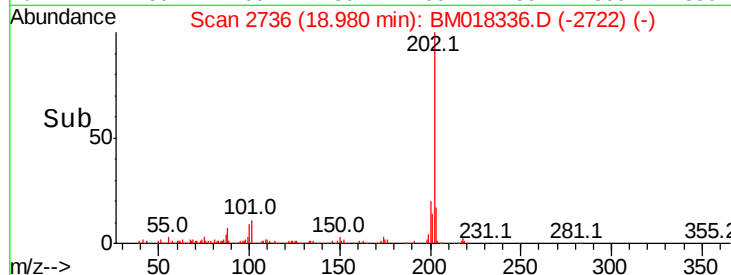
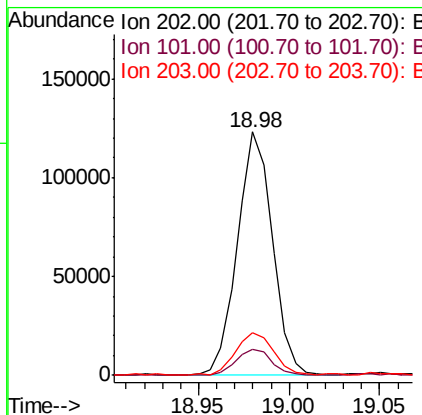
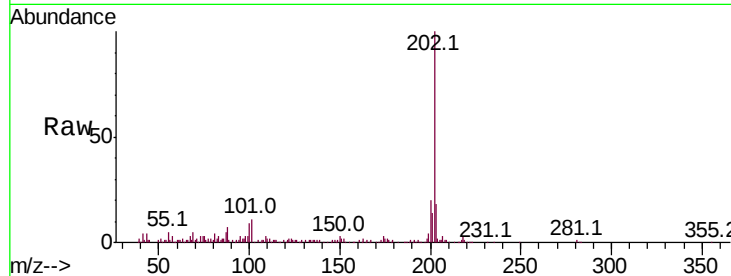
ClientSampled :

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Tot Ion:	202	Resp:	166062
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.5
203	17.6	0.0	37.5

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#76

Chrysene-d12

Concen: 20.000 ng

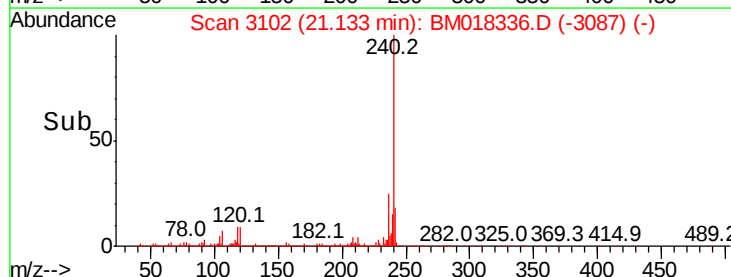
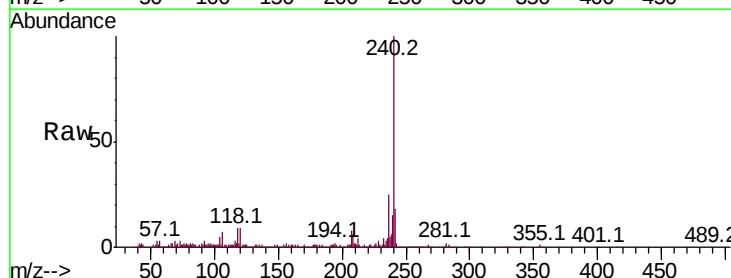
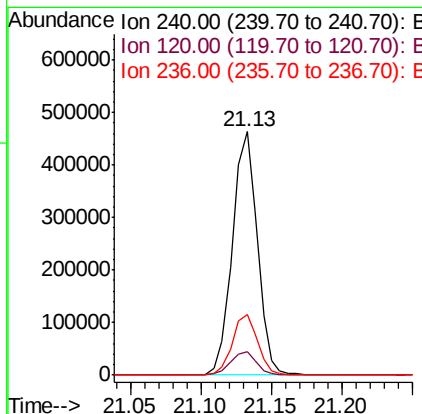
RT: 21.13 min Scan# 3102

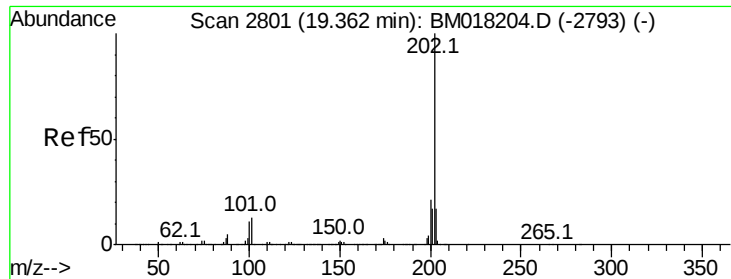
Delta R.T. -0.01 min

Lab File: BM018336.D

Acq: 20 Dec 2018 18:45

Tgt Ion:	240	Resp:	572434
Ion Ratio	Lower	Upper	
240	100		
120	9.4	8.2	12.2
236	24.8	20.3	30.5





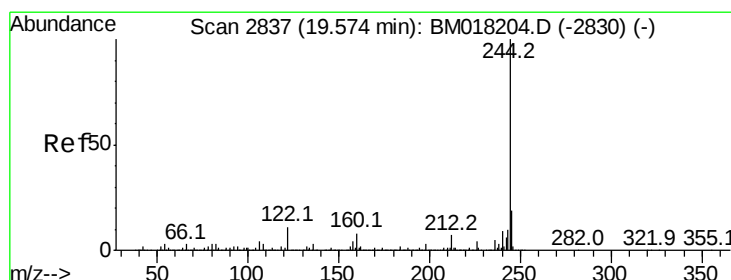
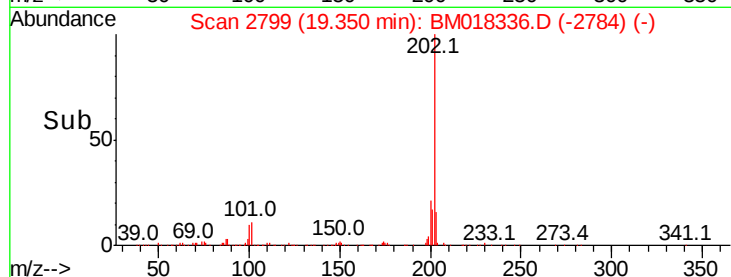
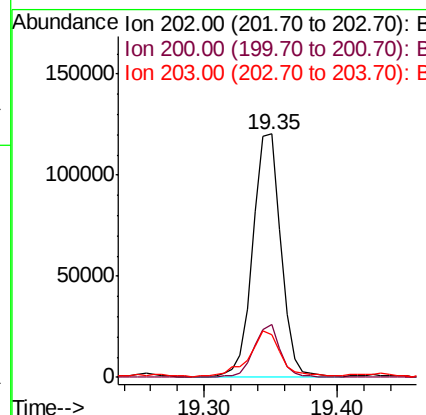
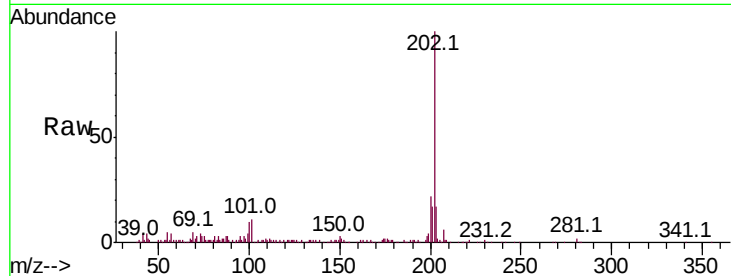
#78
Pvrene
Concen: 5.118 ng
RT: 19.35 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM018336.D
Acq: 20 Dec 2018 18:45

Instrument :
BNA_M
ClientSampleId :
SB-09A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.5	24.7
203	17.4	14.0	21.0

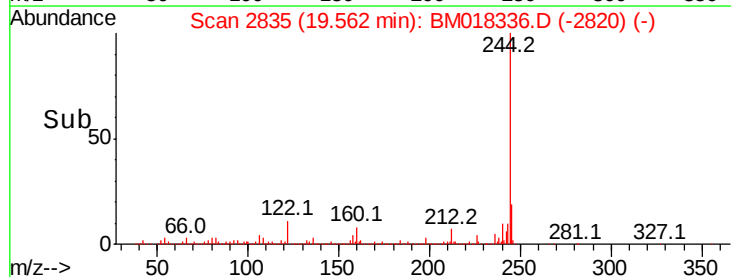
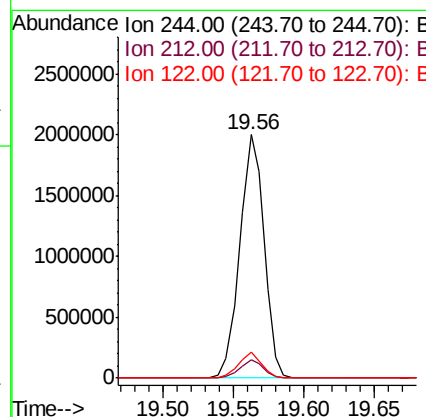
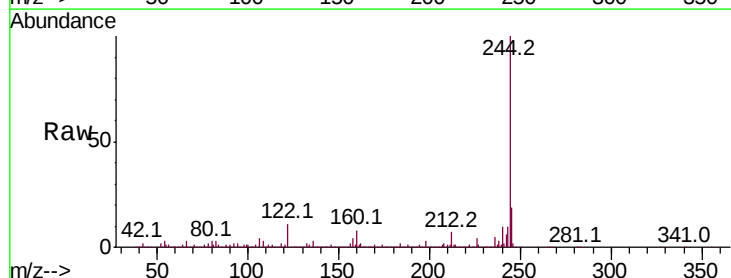
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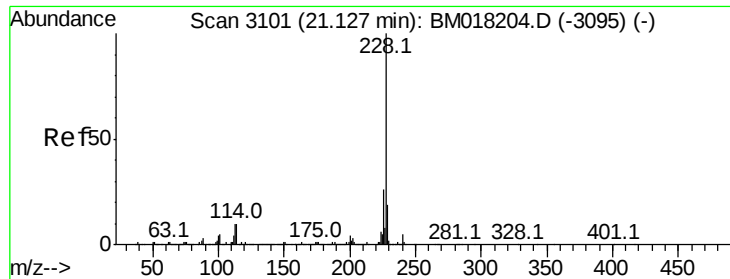
Sohil
12/21/2018 2:49:41 PM



#79
Terphenyl-d14
Concen: 94.698 ng
RT: 19.56 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM018336.D
Acq: 20 Dec 2018 18:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.8	9.0	13.6





#81

Benzo(a)anthracene

Concen: 3.429 ng

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM018336.D

Acq: 20 Dec 2018 18:45

Instrument :

BNA_M

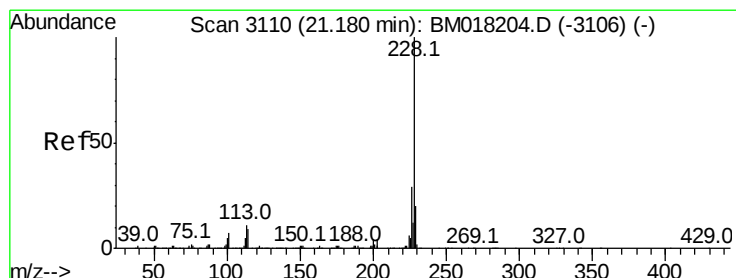
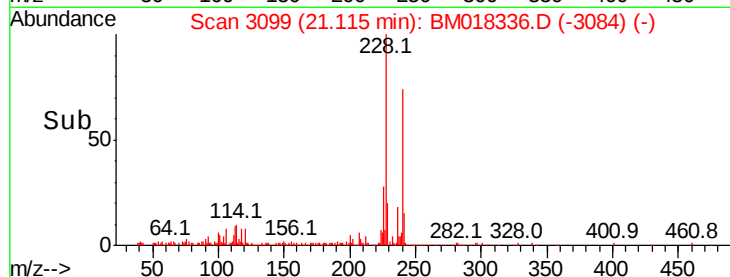
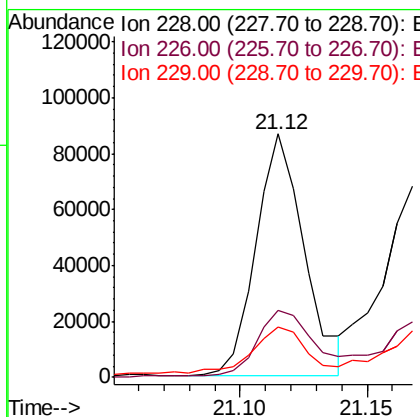
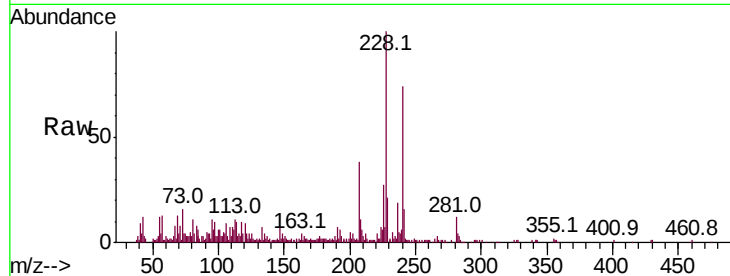
ClientSampled :

SB-09A

Tot Ion:	228	Resp:	114675
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.0	31.4
229	20.9	15.5	23.3

Manual Integrations
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#83

Chrysene

Concen: 3.312 ng m

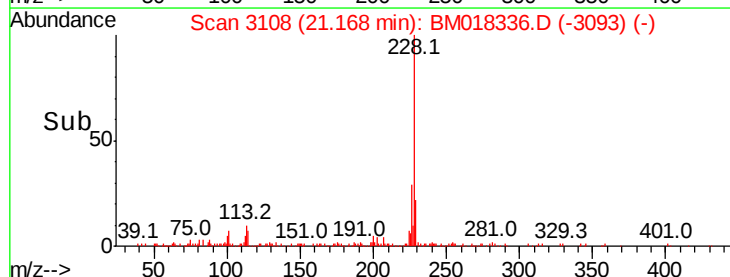
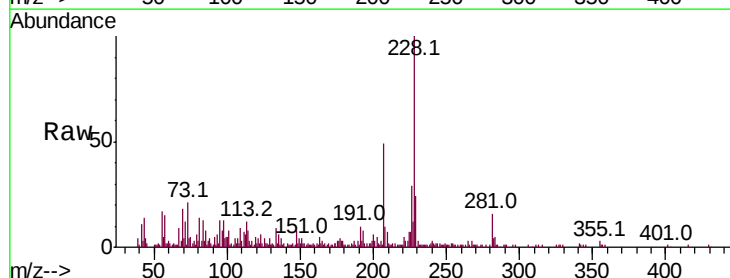
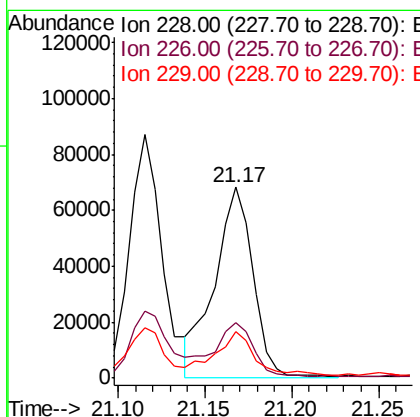
RT: 21.17 min Scan# 3108

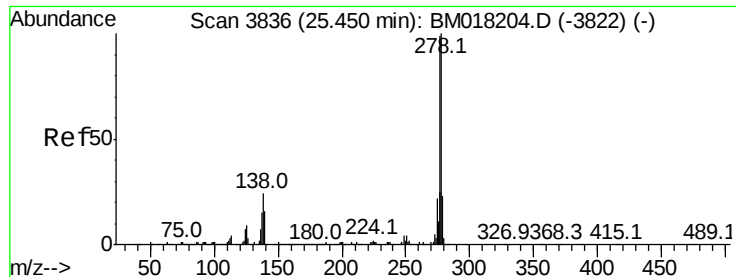
Delta R.T. -0.01 min

Lab File: BM018336.D

Acq: 20 Dec 2018 18:45

Tgt Ion:	228	Resp:	106522
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.1	34.7
229	24.2	15.8	23.6#





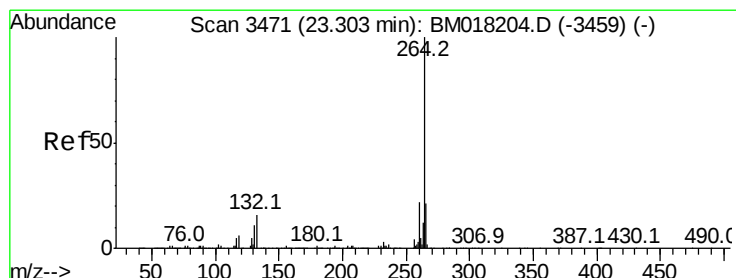
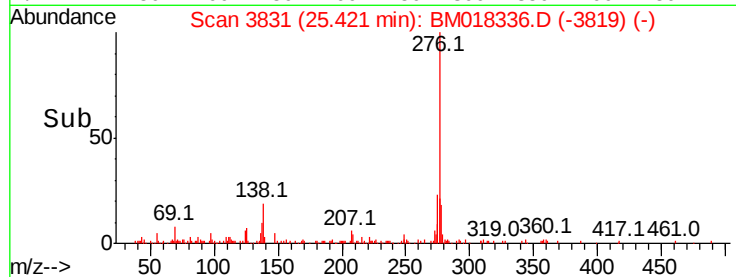
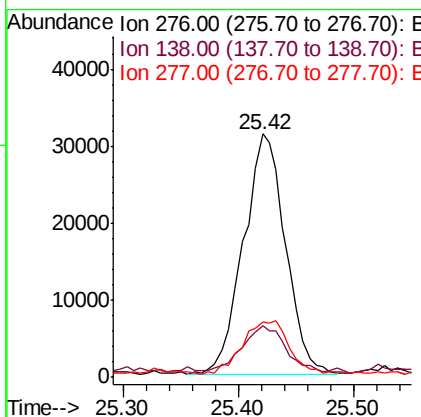
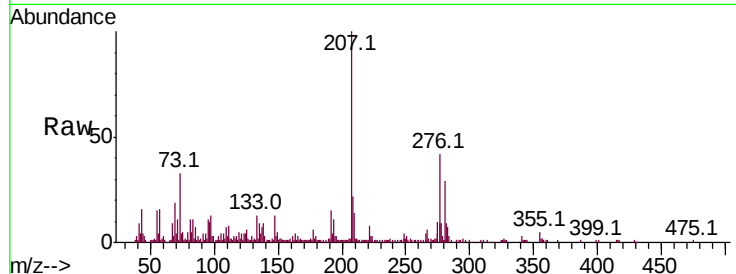
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.472 ng
RT: 25.42 min Scan# 3831
Delta R.T. -0.03 min
Lab File: BM018336.D
Acq: 20 Dec 2018 18:45

Instrument :
BNA_M
ClientSampleId :
SB-09A

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.6	28.0
277	24.2	20.3	30.5

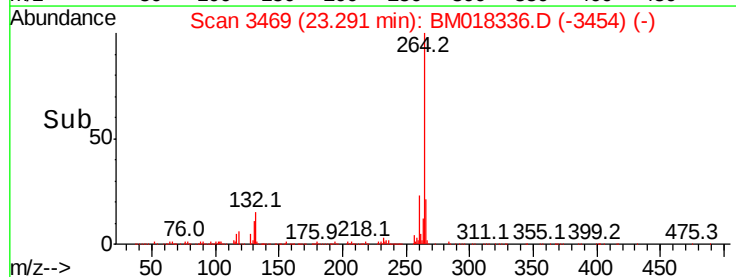
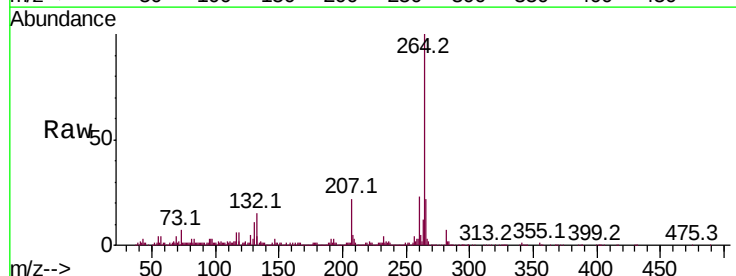
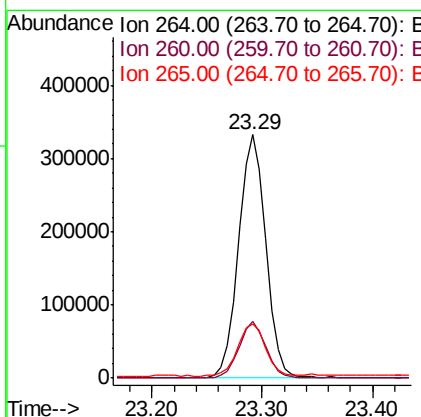
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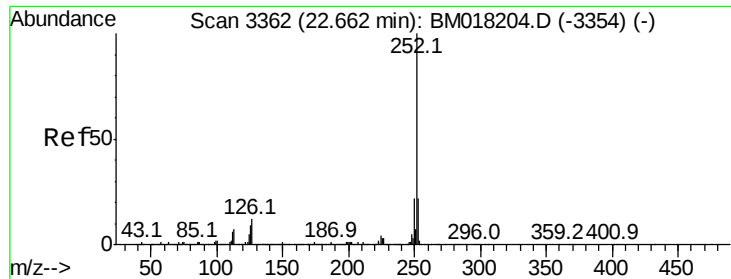
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018336.D
Acq: 20 Dec 2018 18:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.5	26.3
265	22.2	17.3	25.9





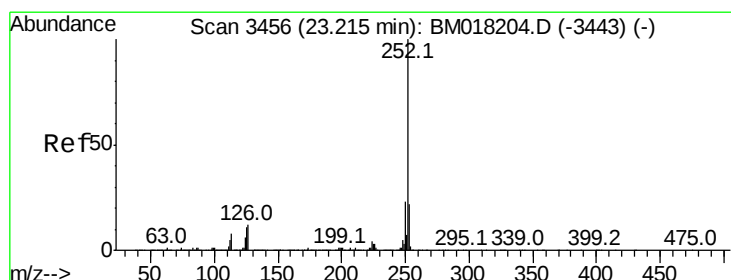
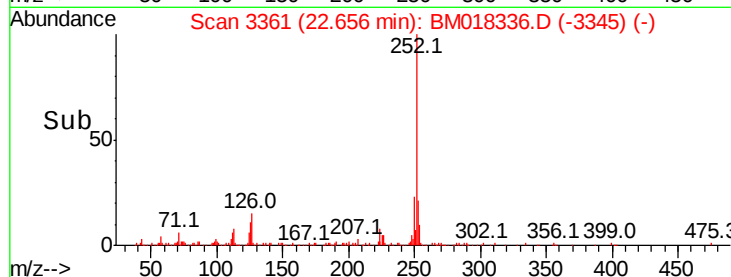
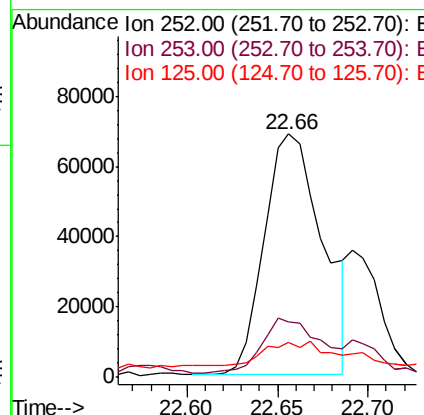
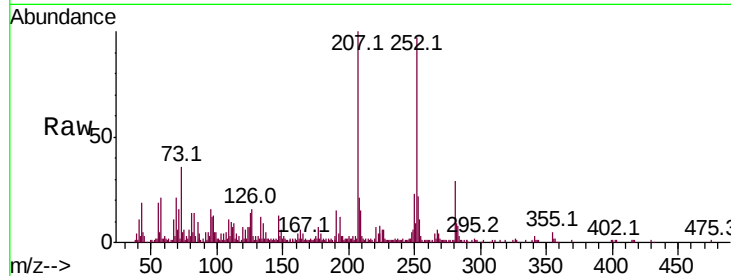
#88
Benzo(b)fluoranthene
Concen: 4.727 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM018336.D
Acq: 20 Dec 2018 18:45

Instrument :
BNA_M
ClientSampleId :
SB-09A

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	14.2	7.4	11.0

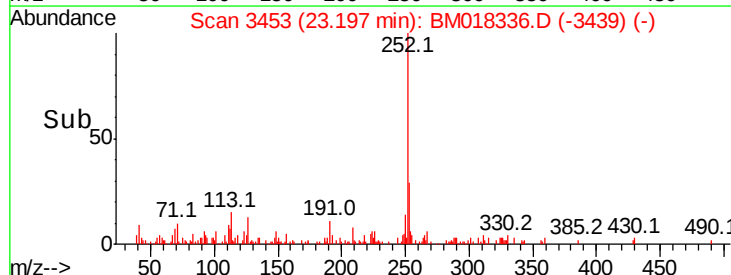
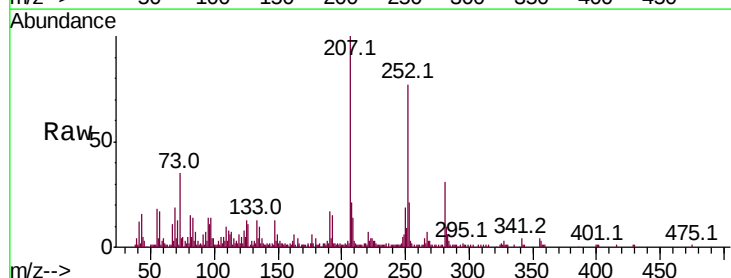
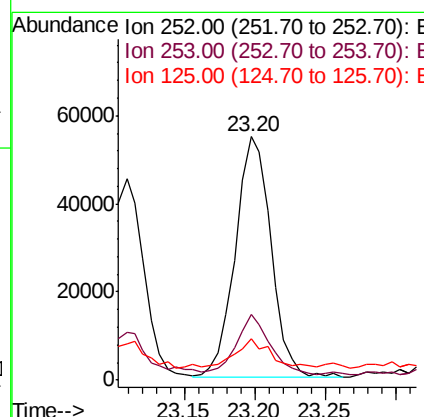
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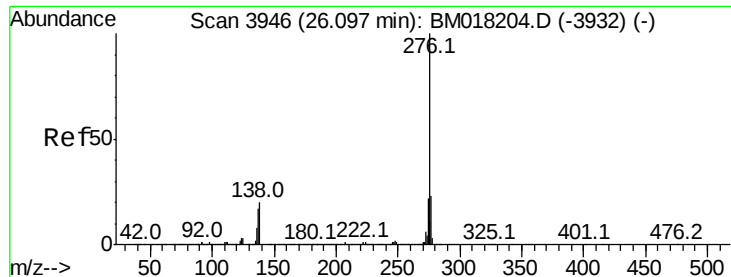
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#90
Benzo(a)pyrene
Concen: 3.100 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BM018336.D
Acq: 20 Dec 2018 18:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.6	26.4
125	16.7	8.6	12.8





#92
 Benzo(a,h,i)perylene
 Concen: 2.735 ng
 RT: 26.07 min Scan# 3942
 Delta R.T. -0.02 min
 Lab File: BM018336.D
 Acq: 20 Dec 2018 18:45

Instrument :
 BNA_M
 ClientSampleId :
 SB-09A

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.7	28.1
138	21.3	15.8	23.8

Manual Integrations
 APPROVED

Sohil
 12/21/2018 2:49:41 PM

