

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
 Data File : BM018340.D
 Acq On : 20 Dec 2018 21:10
 Operator : JU/SJ
 Sample : J6386-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS006-0612-01

Manual Integrations
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Sohil
 12/21/2018 2:49:42 PM

Quant Time: Dec 21 02:52:01 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	7.49	152	156662	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	557254	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	273236	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	552142	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	638387	20.00	ng	0.00
87) Perylene-d12	23.30	264	692468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1072592	114.37	ng	0.00
7) Phenol-d6	6.70	99	1365871	104.78	ng	0.00
23) Nitrobenzene-d5	8.65	82	889285	81.86	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	397434	99.10	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1556369	73.78	ng	-0.02
79) Terphenyl-d14	19.57	244	1854399	65.70	ng	0.00
Target Compounds						
10) Phenol	6.72	94	94004	6.810	ng	91
49) Acenaphthylene	13.86	152	78345	2.873	ng	# 93
50) Dimethylphthalate	13.62	163	128889	5.674	ng	99
71) Phenanthrene	16.95	178	168782	5.628	ng	97
75) Fluoranthene	18.99	202	128636	3.689	ng	95
78) Pyrene	19.35	202	230316	6.055	ng	100
81) Benzo(a)anthracene	21.12	228	97340	2.610	ng	# 84
83) Chrysene	21.17	228	99546	2.775	ng	# 93
88) Benzo(b)fluoranthene	22.67	252	113066m	2.907	ng	
90) Benzo(a)pyrene	23.21	252	103368	2.794	ng	# 79
92) Benzo(g,h,i)perylene	26.09	276	99494	3.071	ng	# 92

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

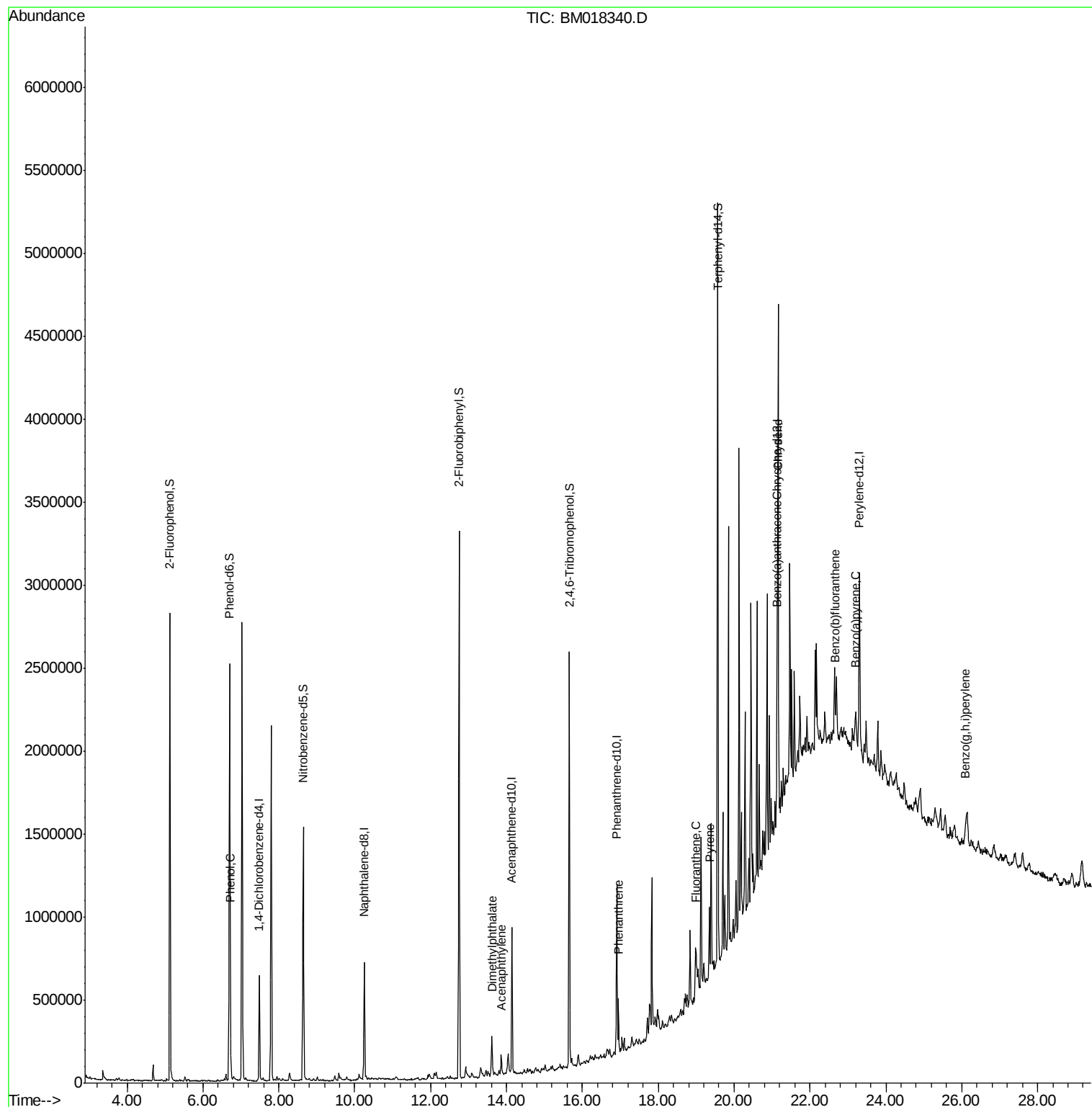
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

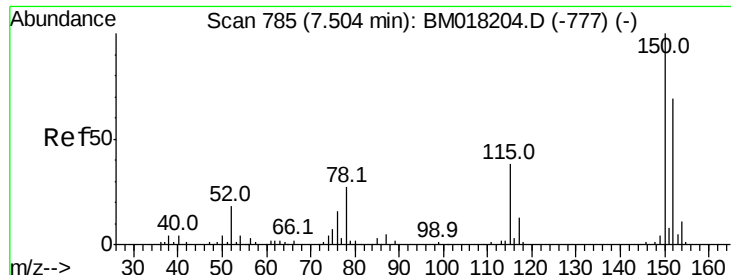
Instrument :
BNA_M
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P001-SS006-0612-01

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#1

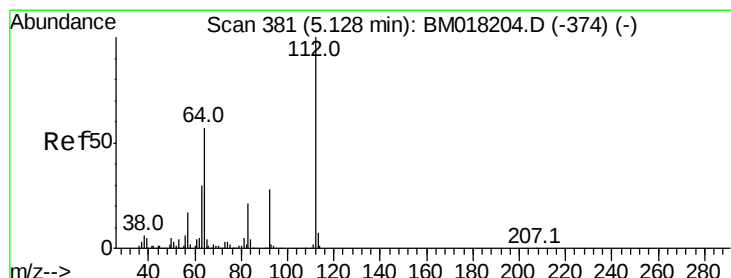
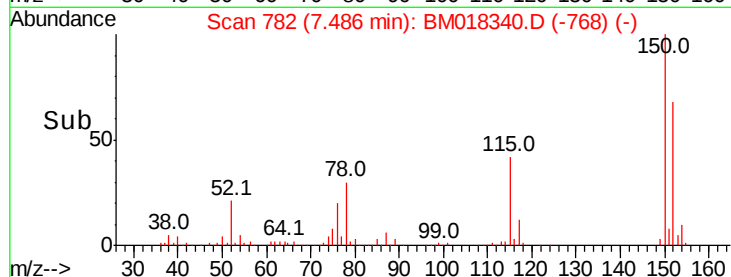
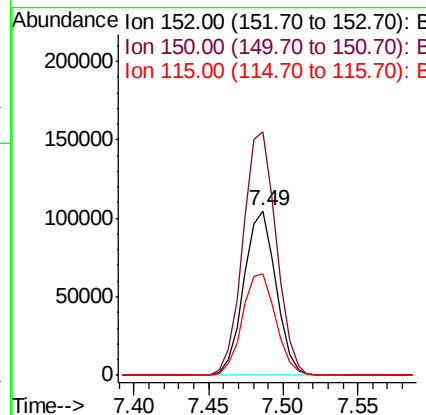
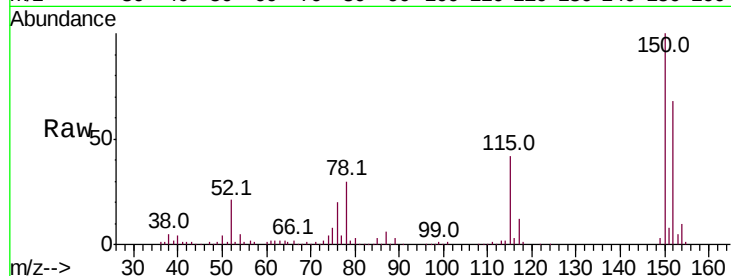
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018340.D
Acq: 20 Dec 2018 21:10

Instrument :
BNA_M
ClientSampleId :
P001-SS006-0612-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	116.1	174.1
115	61.8	44.6	67.0

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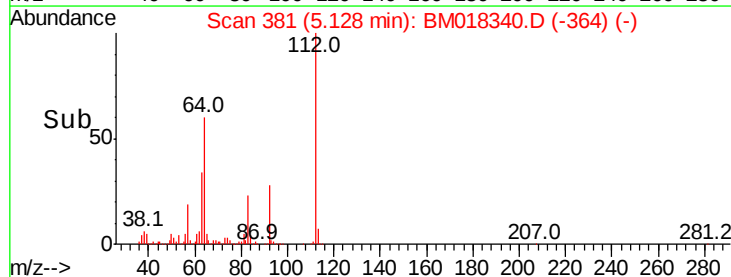
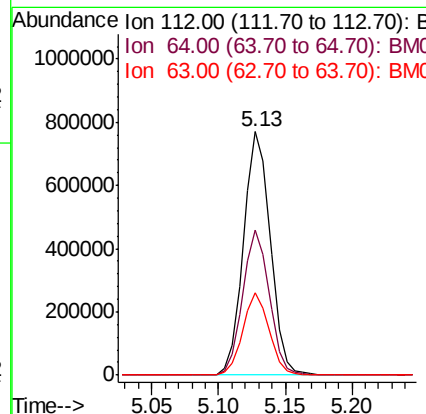
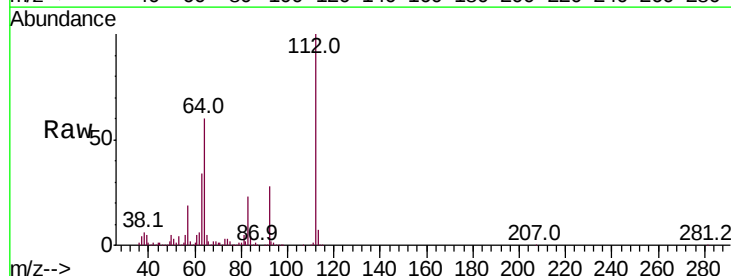
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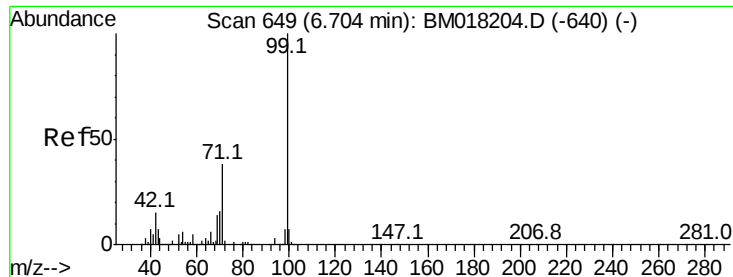


#5

2-Fluorophenol
Concen: 114.370 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018340.D
Acq: 20 Dec 2018 21:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	45.4	68.2
63	33.6	24.0	36.0





#7

Phenol-d6

Concen: 104.785 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018340.D

Acq: 20 Dec 2018 21:10

Instrument :

BNA_M

ClientSampleId :

P001-SS006-0612-01

Tot Ion: 99 Resp: 1365871

Ion Ratio Lower Upper

99 100

42 16.6 12.3 18.5

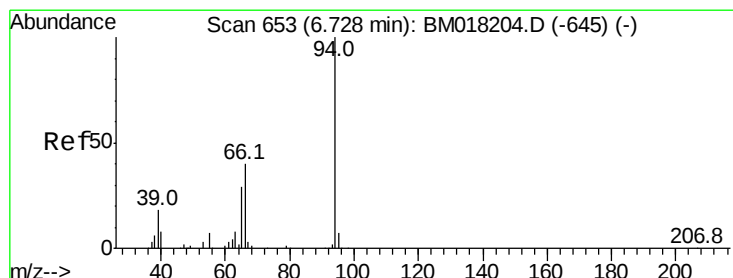
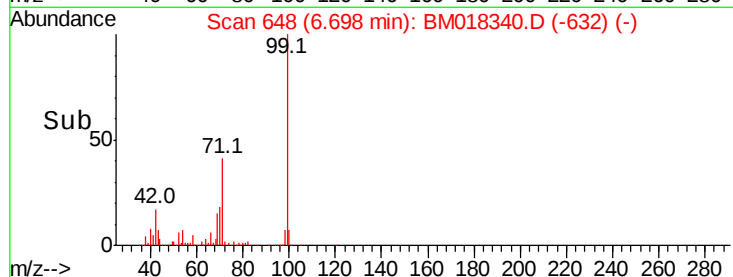
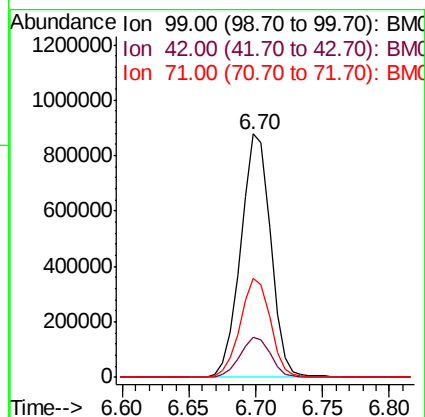
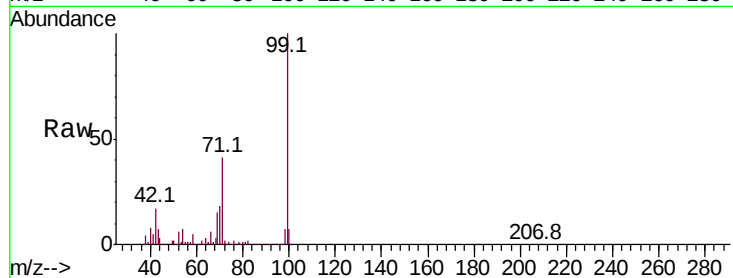
71 40.6 30.2 45.2

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#10

Phenol

Concen: 6.810 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018340.D

Acq: 20 Dec 2018 21:10

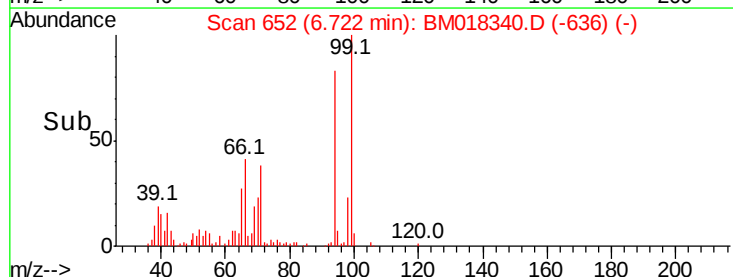
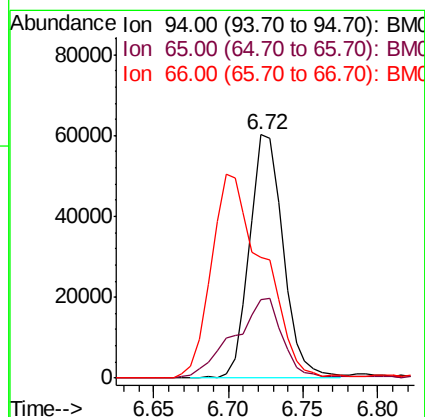
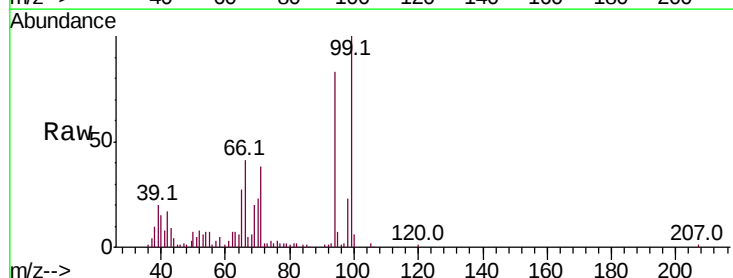
Tgt Ion: 94 Resp: 94004

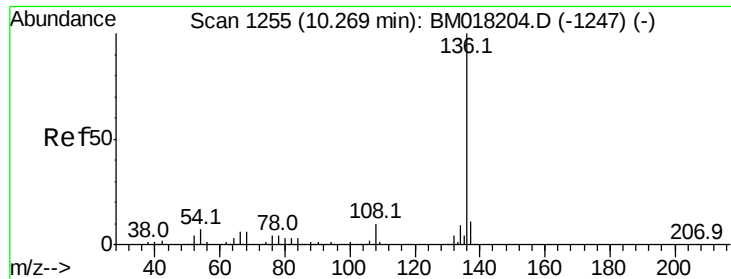
Ion Ratio Lower Upper

94 100

65 32.1 9.5 49.5

66 49.3 21.3 61.3





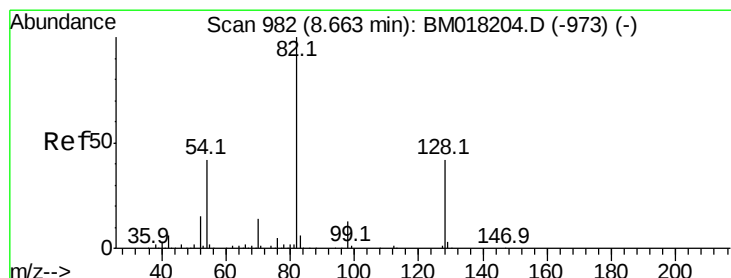
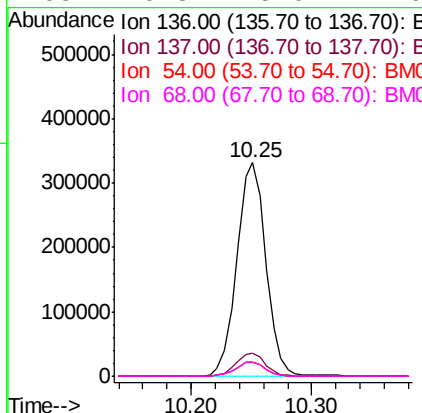
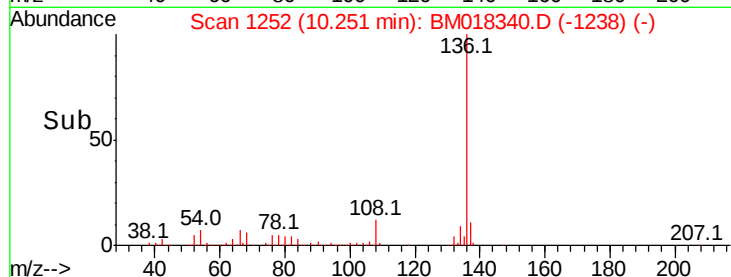
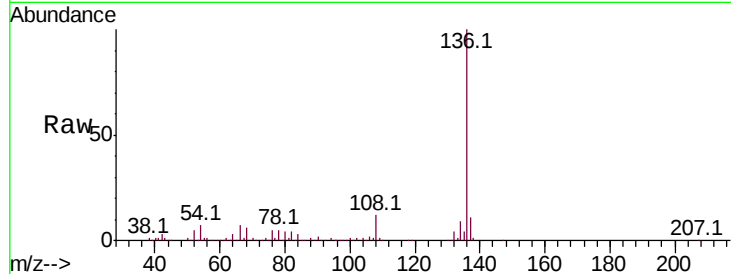
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018340.D
Acq: 20 Dec 2018 21:10

Instrument :
BNA_M
ClientSampleId :
P001-SS006-0612-01

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.2	13.8	
54	6.9	5.2	7.8	
68	6.3	5.0	7.6	

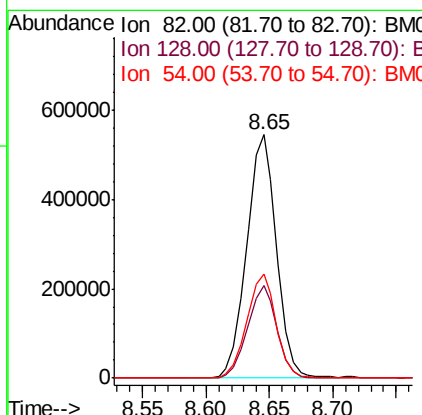
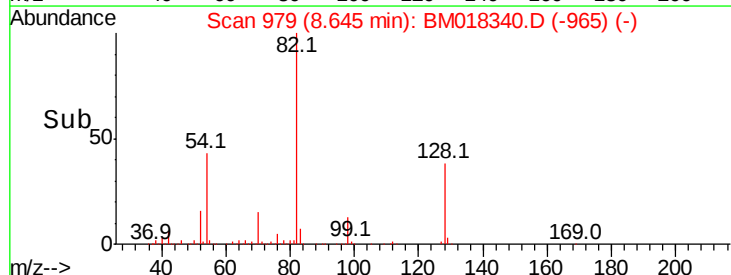
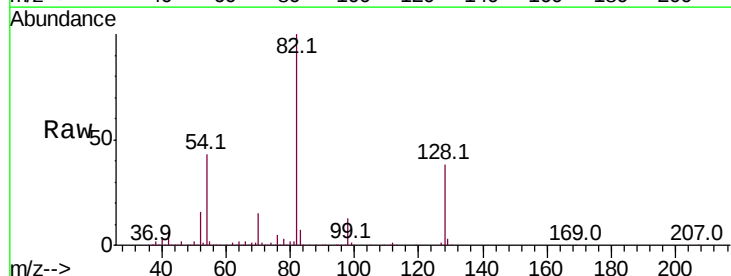
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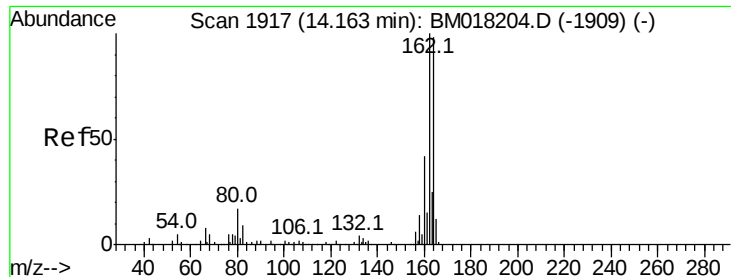
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#23
Nitrobenzene-d5
Concen: 81.856 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018340.D
Acq: 20 Dec 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.2	33.4	50.2	
54	42.7	33.4	50.2	





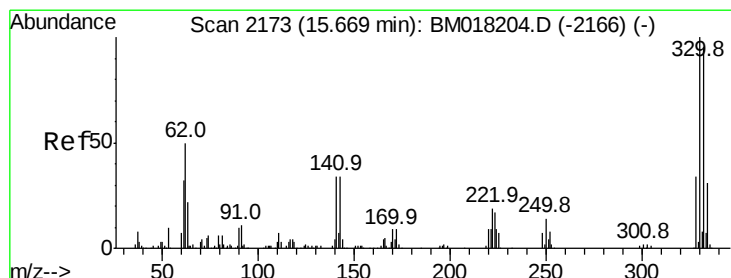
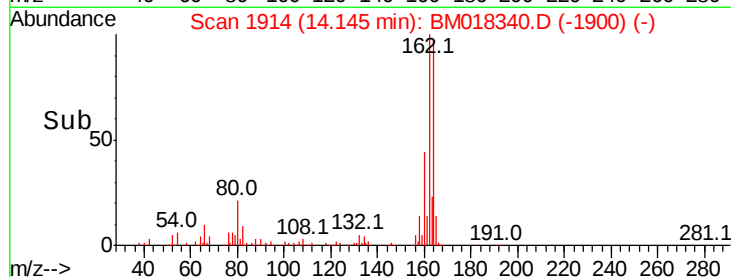
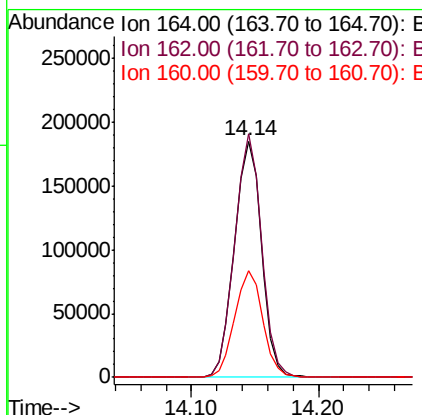
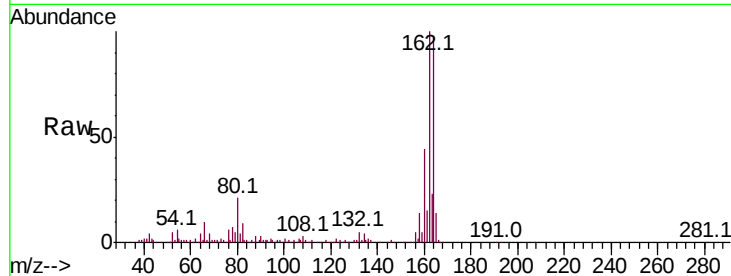
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018340.D
Acq: 20 Dec 2018 21:10

Instrument :
BNA_M
ClientSampleId :
P001-SS006-0612-01

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.8	122.6
160	45.2	34.6	51.8

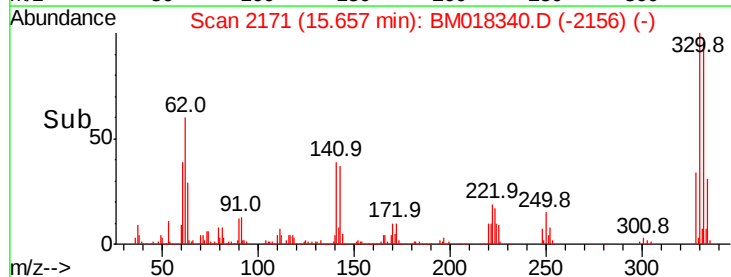
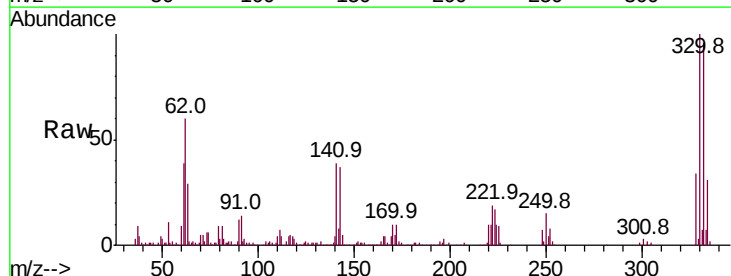
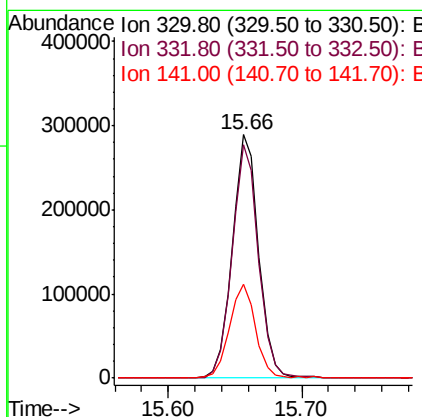
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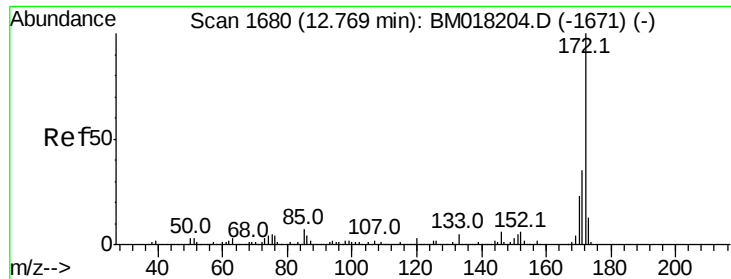
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#42
2,4,6-Tribromophenol
Concen: 99.102 ng
RT: 15.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018340.D
Acq: 20 Dec 2018 21:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.6	118.0
141	38.6	27.1	40.7





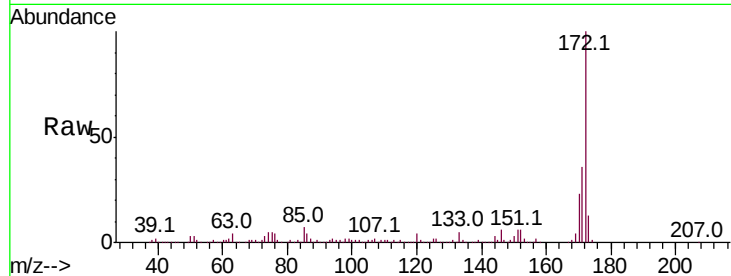
#45
2-Fluorobiphenyl
Concen: 73.777 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018340.D
Acq: 20 Dec 2018 21:10

Instrument :
BNA_M
ClientSampleId :
P001-SS006-0612-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	23.3	18.1	27.1

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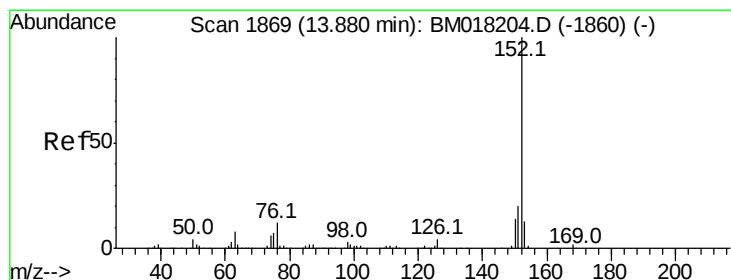
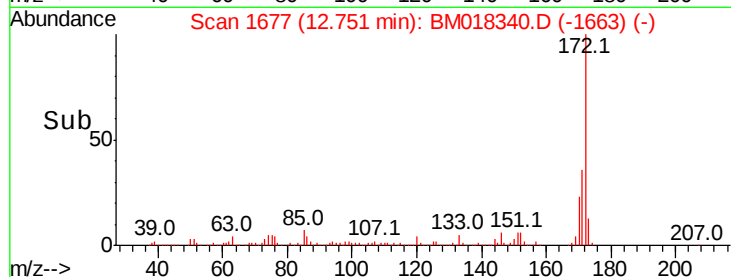
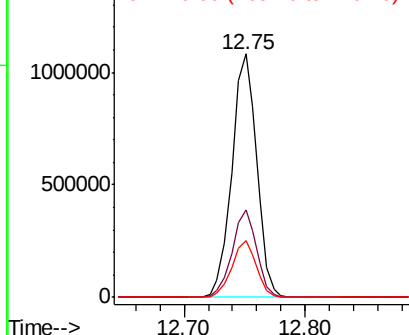


Abundance

Ion 172.00 (171.70 to 172.70): E

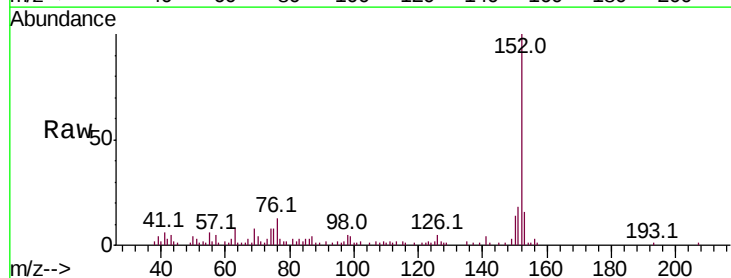
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Acenaphthylene
Concen: 2.873 ng
RT: 13.86 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BM018340.D
Acq: 20 Dec 2018 21:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.6	16.0	24.0
153	16.2	10.2	15.2#

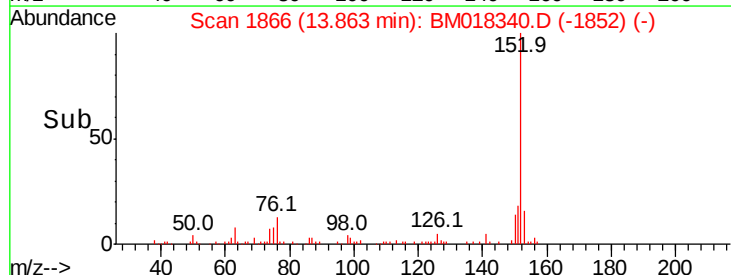
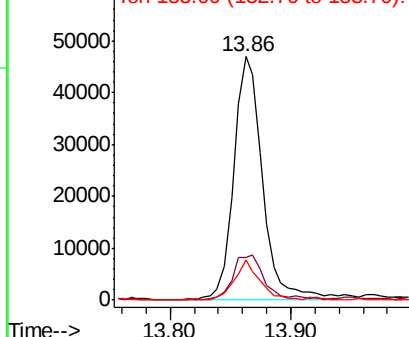


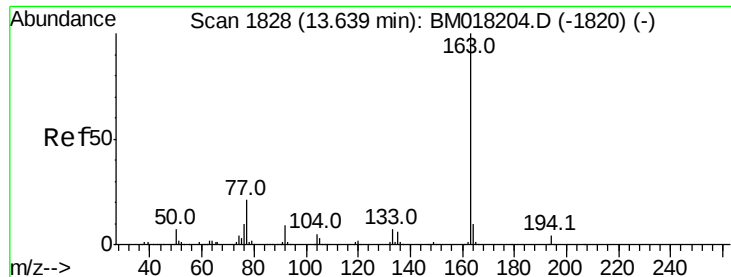
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 5.674 ng

RT: 13.62 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018340.D

Acq: 20 Dec 2018 21:10

Instrument :

BNA_M

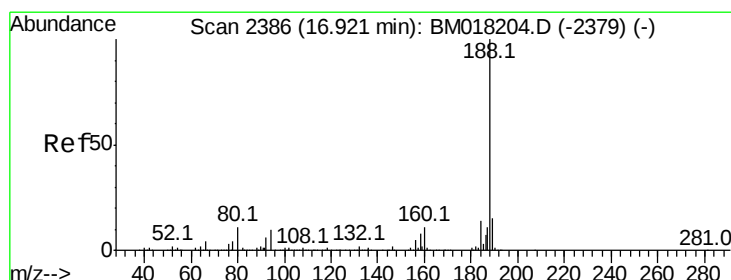
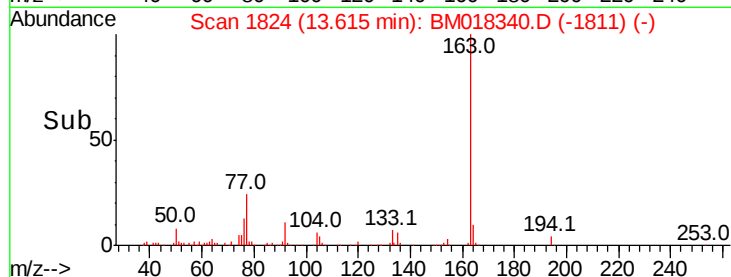
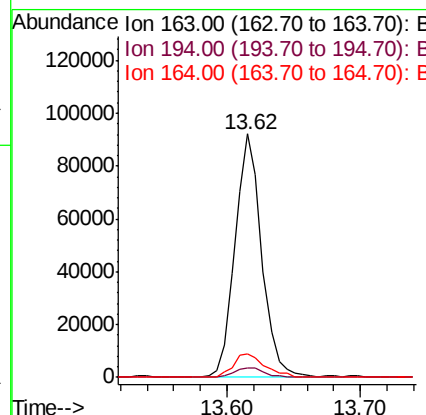
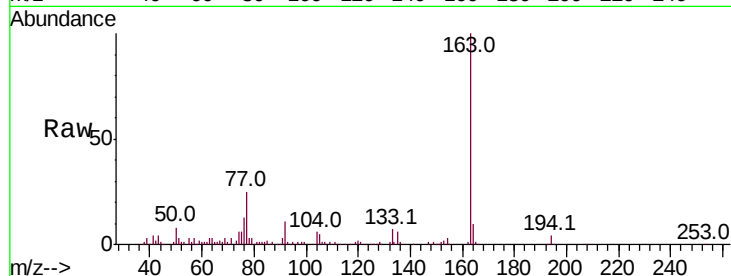
ClientSampleId :

P001-SS006-0612-01

Tot Ion:	163	Resp:	128889
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.1	4.7
164	9.6	7.9	11.9

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#64

Phenanthrene-d10

Concen: 20.000 ng

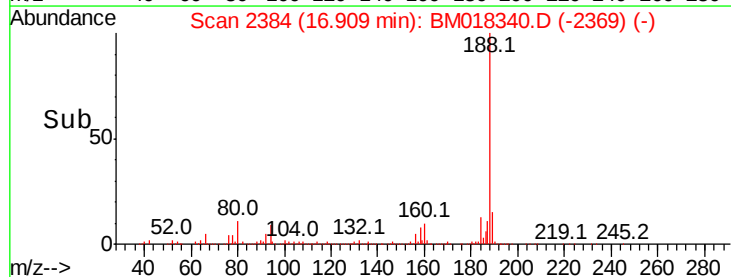
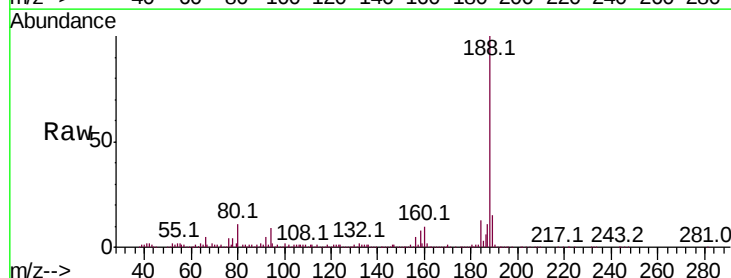
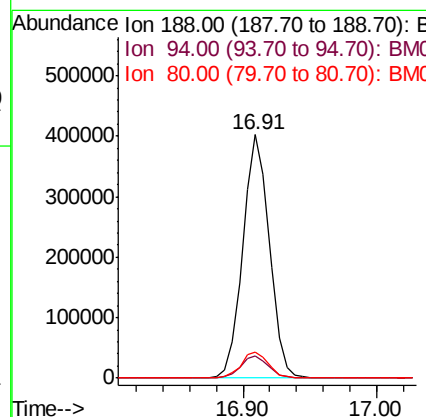
RT: 16.91 min Scan# 2384

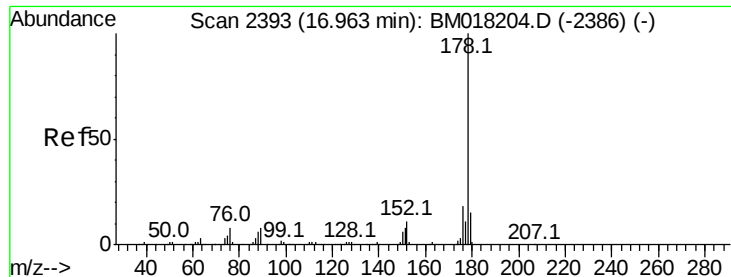
Delta R.T. -0.01 min

Lab File: BM018340.D

Acq: 20 Dec 2018 21:10

Tgt Ion:	188	Resp:	552142
Ion Ratio	Lower	Upper	
188	100		
94	9.2	8.0	12.0
80	10.9	9.0	13.6





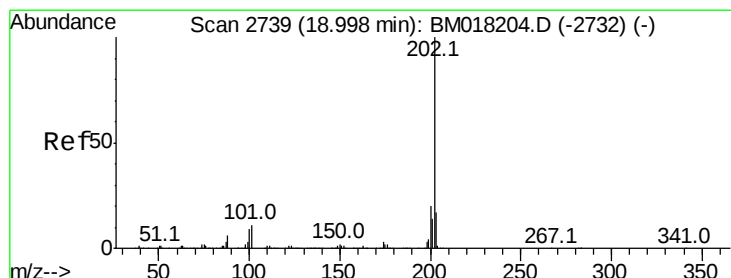
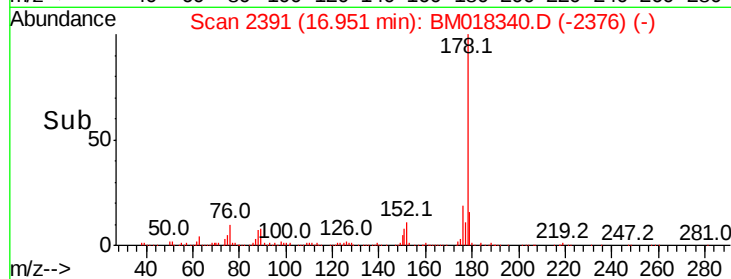
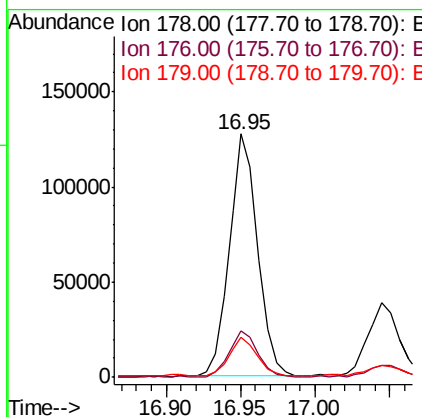
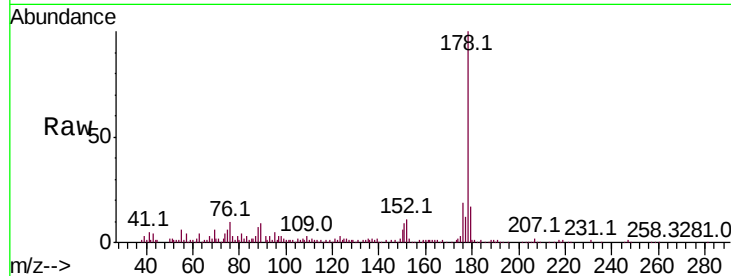
#71
Phenanthrene
Concen: 5.628 ng
RT: 16.95 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018340.D
Acq: 20 Dec 2018 21:10

Instrument :
BNA_M
ClientSampleId :
P001-SS006-0612-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.7	22.1
179	16.6	12.0	18.0

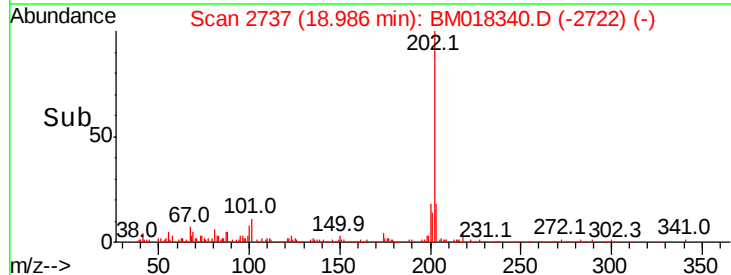
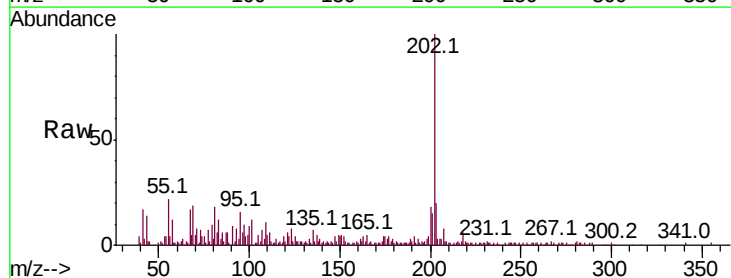
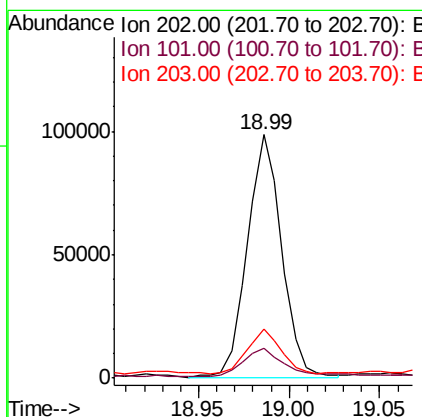
Manual Integrations
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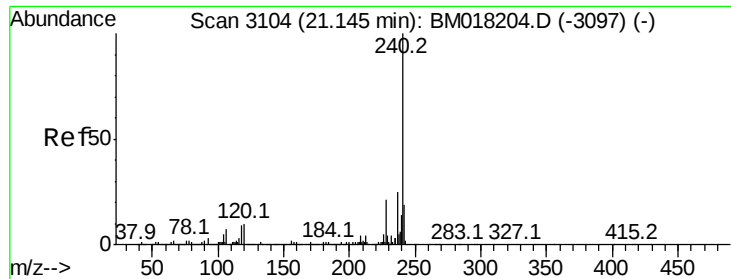
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#75
Fluoranthene
Concen: 3.689 ng
RT: 18.99 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BM018340.D
Acq: 20 Dec 2018 21:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.5
203	20.1	0.0	37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018340.D

Acq: 20 Dec 2018 21:10

Instrument :

BNA_M

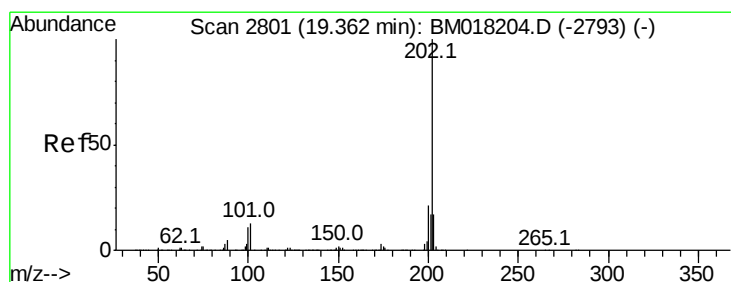
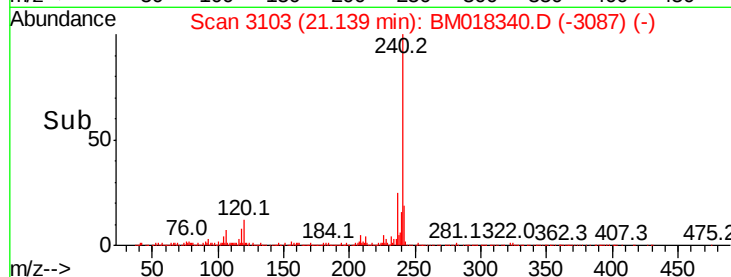
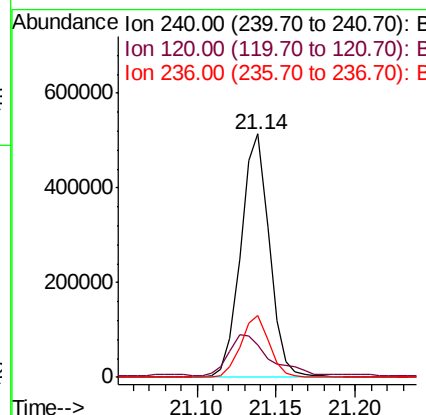
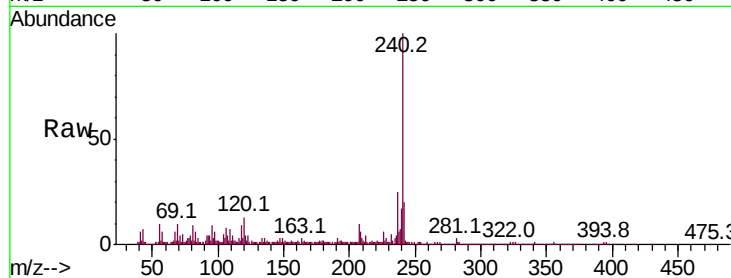
ClientSampleId :

P001-SS006-0612-01

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.1	8.2	12.2#	
236	25.2	20.3	30.5	

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#78

Pyrene

Concen: 6.055 ng

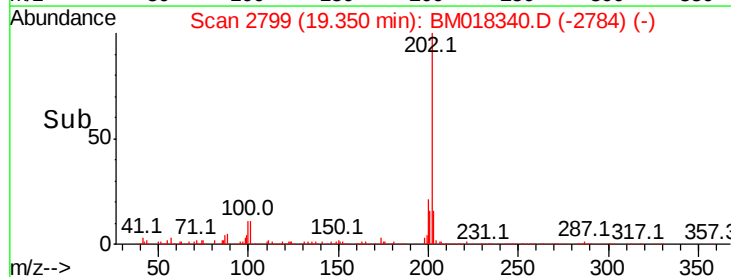
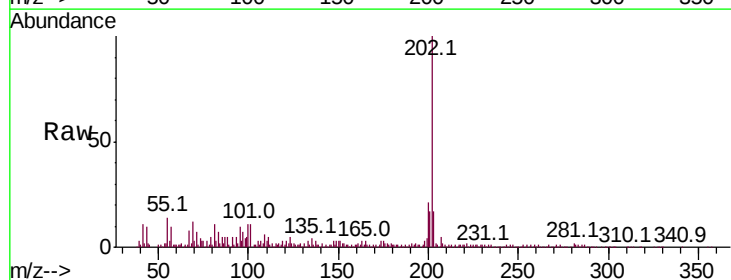
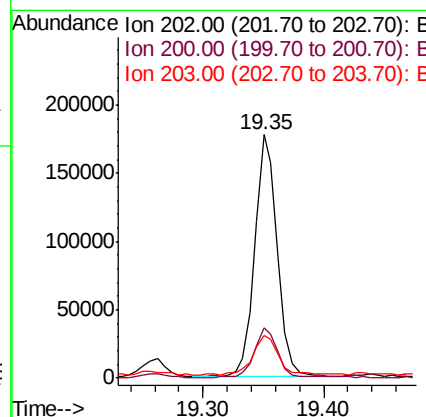
RT: 19.35 min Scan# 2799

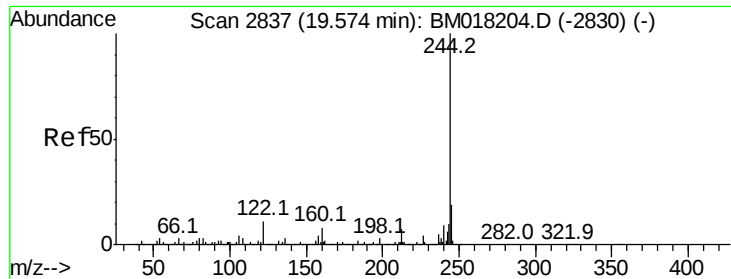
Delta R.T. -0.01 min

Lab File: BM018340.D

Acq: 20 Dec 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.7	16.5	24.7	
203	17.5	14.0	21.0	





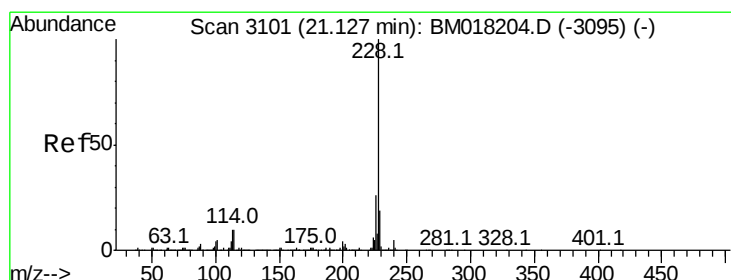
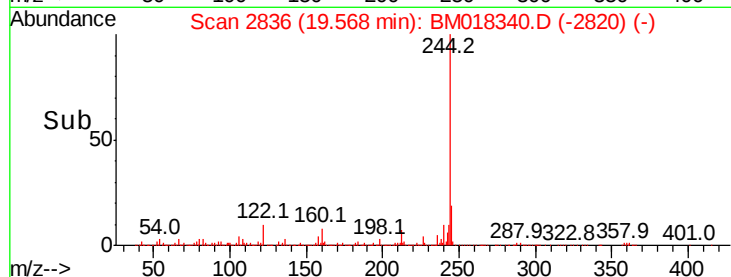
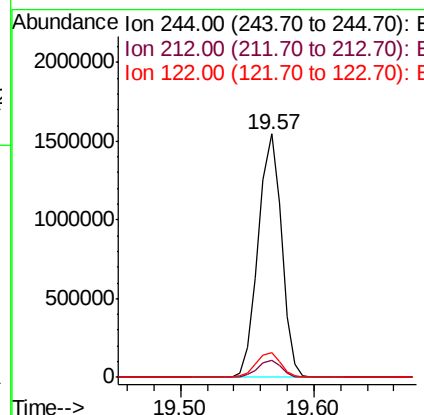
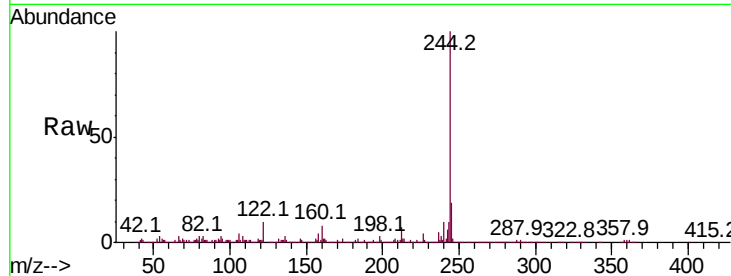
#79
 Terphenyl-d14
 Concen: 65.697 ng
 RT: 19.57 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BM018340.D
 Acq: 20 Dec 2018 21:10

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS006-0612-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.3	9.0	13.6

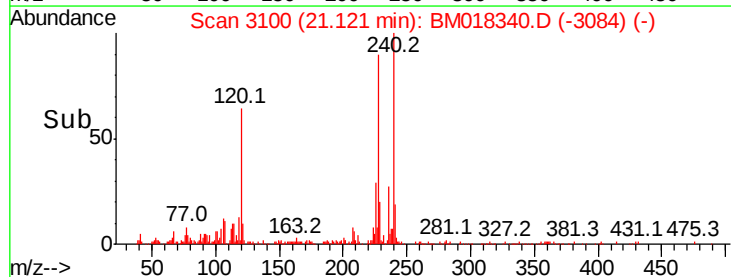
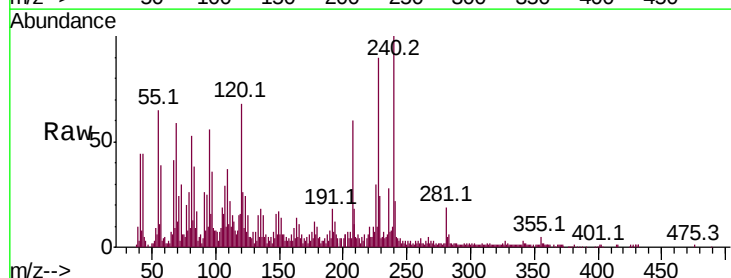
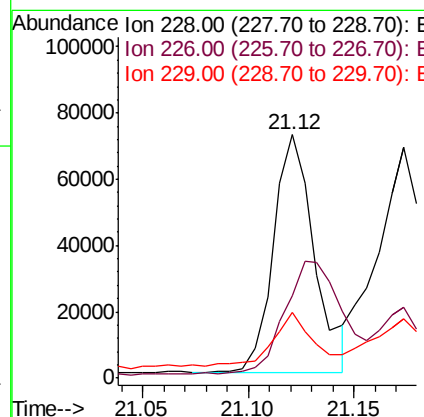
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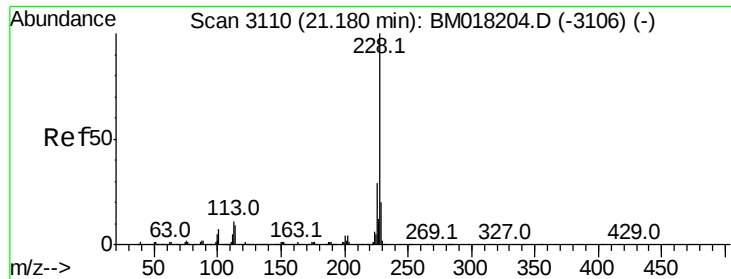
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#81
 Benzo(a)anthracene
 Concen: 2.610 ng
 RT: 21.12 min Scan# 3100
 Delta R.T. -0.01 min
 Lab File: BM018340.D
 Acq: 20 Dec 2018 21:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.8	21.0	31.4#
229	27.0	15.5	23.3#





#83

Chrysene

Concen: 2.775 ng

RT: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM018340.D

Acq: 20 Dec 2018 21:10

Instrument :

BNA_M

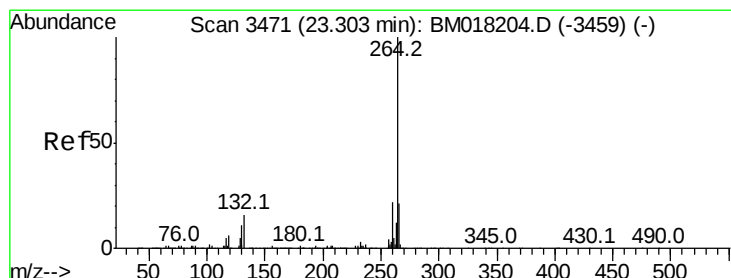
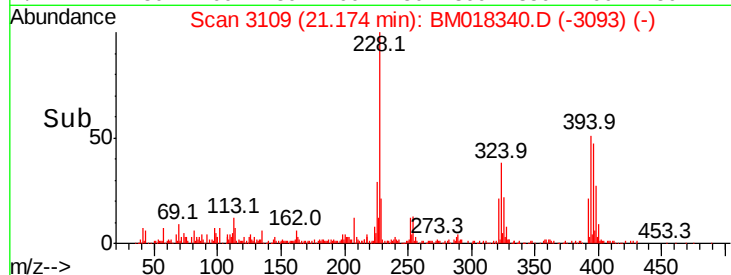
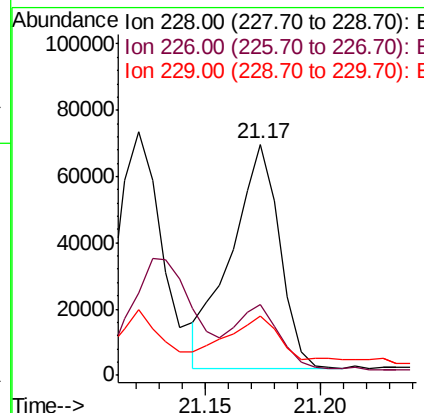
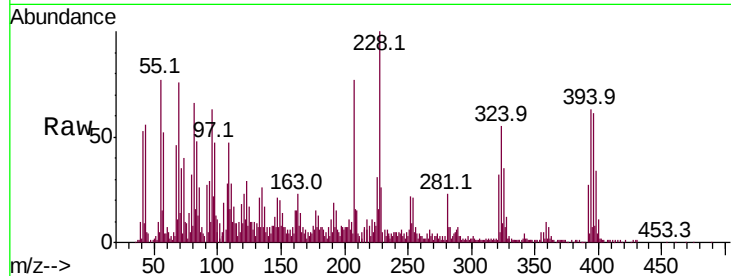
ClientSampleId :

P001-SS006-0612-01

Tot Ion:	228	Resp:	99546
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.1	34.7
229	25.7	15.8	23.6

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#87

Perylene-d12

Concen: 20.000 ng

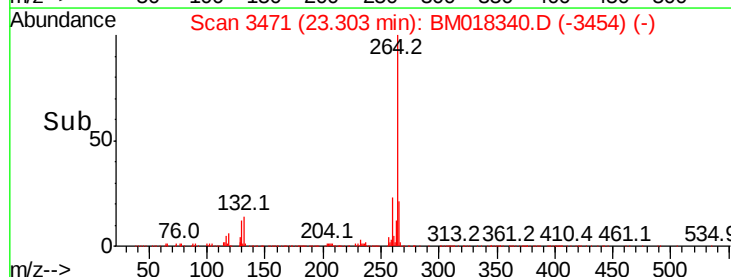
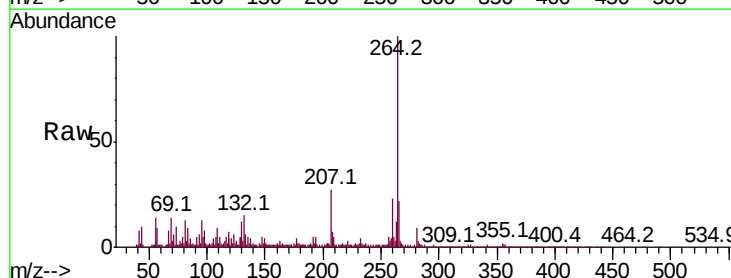
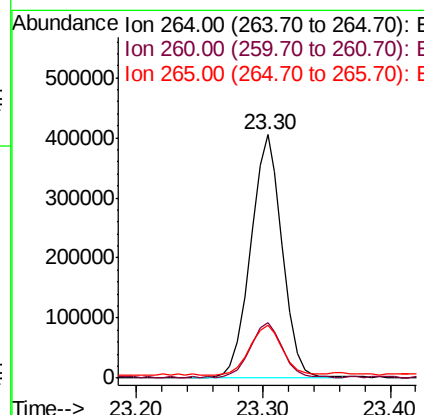
RT: 23.30 min Scan# 3471

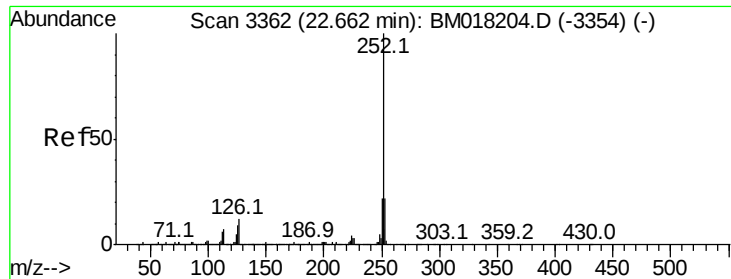
Delta R.T. -0.00 min

Lab File: BM018340.D

Acq: 20 Dec 2018 21:10

Tgt Ion:	264	Resp:	692468
Ion Ratio	Lower	Upper	
264	100		
260	22.9	17.5	26.3
265	21.8	17.3	25.9





#88

Benzo(b)fluoranthene

Concen: 2.907 ng/mL

RT: 22.67 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BM018340.D

Acq: 20 Dec 2018 21:10

Instrument :

BNA_M

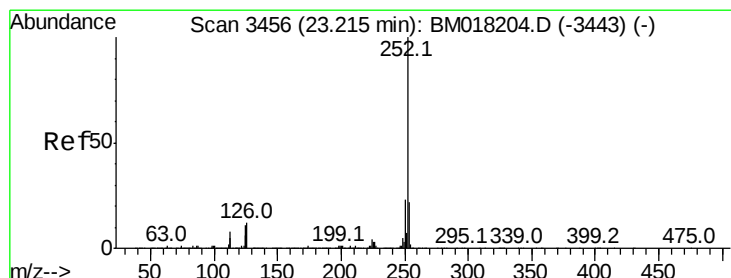
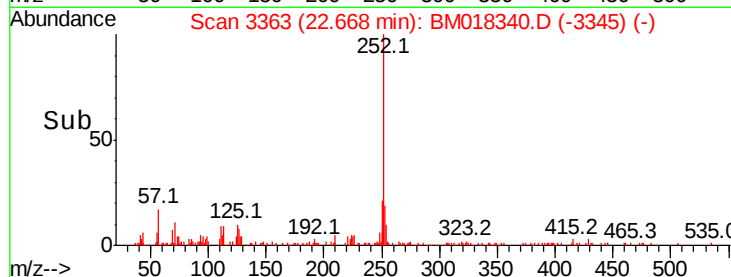
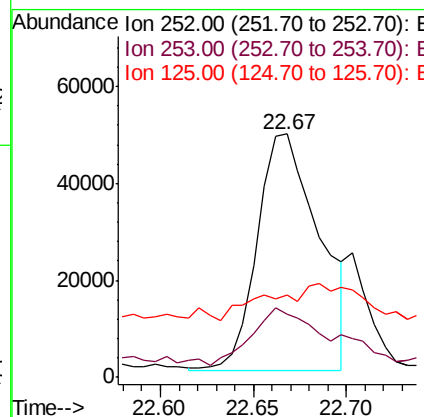
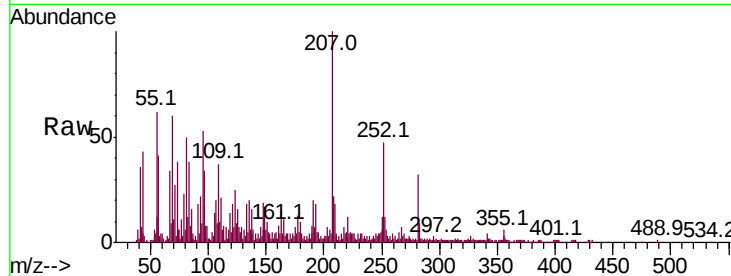
ClientSampleId :

P001-SS006-0612-01

Tot Ion:	252	Resp:	113066
Ion Ratio	Lower	Upper	
252	100		
253	26.2	17.6	26.4
125	33.9	7.4	11.0

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#90

Benzo(a)pyrene

Concen: 2.794 ng/mL

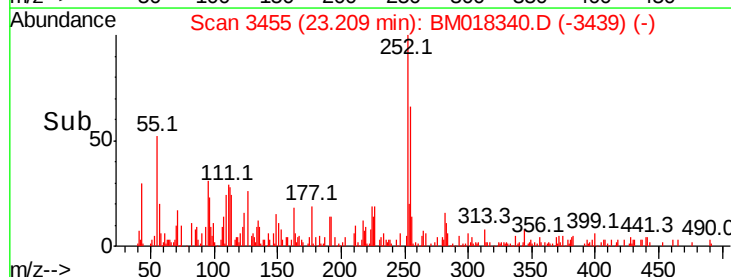
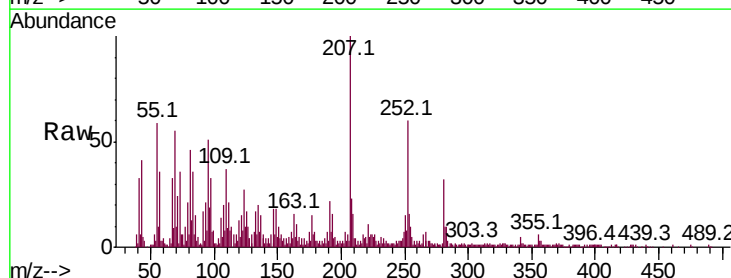
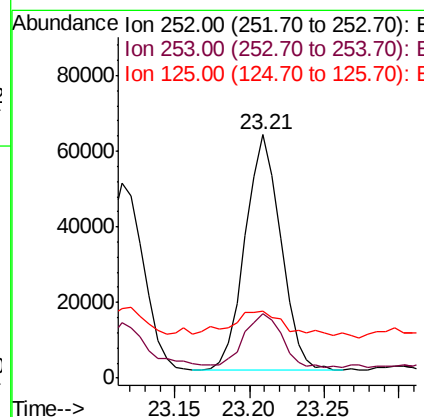
RT: 23.21 min Scan# 3455

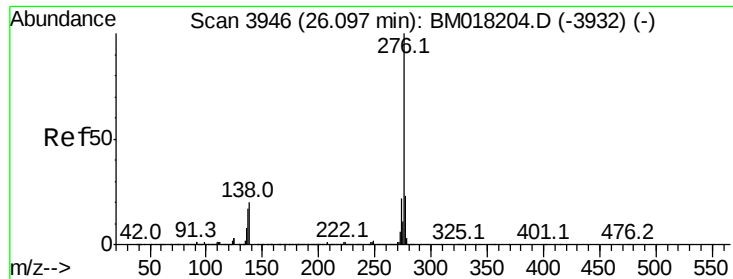
Delta R.T. -0.01 min

Lab File: BM018340.D

Acq: 20 Dec 2018 21:10

Tgt Ion:	252	Resp:	103368
Ion Ratio	Lower	Upper	
252	100		
253	26.6	17.6	26.4
125	27.6	8.6	12.8





#92
 Benzo(a,h,i)perylene
 Concen: 3.071 ng
 RT: 26.09 min Scan# 3945
 Delta R.T. -0.01 min
 Lab File: BM018340.D
 Acq: 20 Dec 2018 21:10

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS006-0612-01

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.7	28.1
138	25.2	15.8	23.8

Manual Integrations
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