

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
 Data File : BM018312.D
 Acq On : 20 Dec 2018 00:37
 Operator : JU/SJ
 Sample : J6379-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-0006-01

Quant Time: Dec 20 02:56:53 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

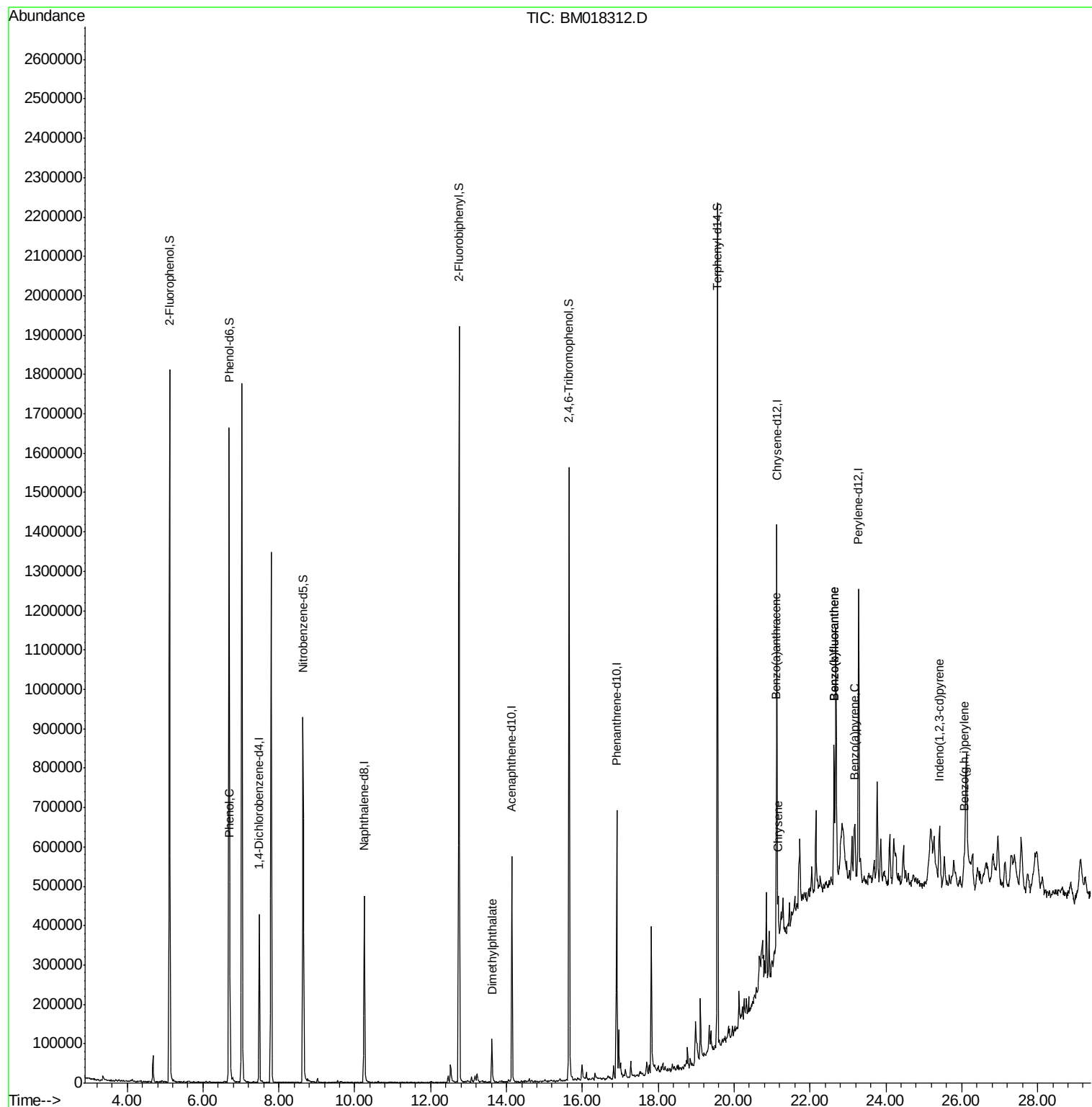
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	107647	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	386431	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	190204	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	387766	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	448933	20.00	ng	-0.02
87) Perylene-d12	23.28	264	502715	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	709009	110.03	ng	0.00
7) Phenol-d6	6.69	99	916906	102.37	ng	-0.02
23) Nitrobenzene-d5	8.64	82	593349	78.76	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	269381	96.49	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	957180	65.18	ng	-0.02
79) Terphenyl-d14	19.56	244	960398	48.38	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.71	94	52259	5.509	ng	81
50) Dimethylphthalate	13.62	163	71446	4.518	ng	99
81) Benzo(a)anthracene	21.11	228	52524	2.003	ng	94
83) Chrysene	21.16	228	56927	2.257	ng	96
86) Indeno(1,2,3-cd)pyrene	25.41	276	86920	3.459	ng	95
88) Benzo(b)fluoranthene	22.64	252	142110	5.032	ng	# 97
89) Benzo(k)fluoranthene	22.64	252	142110	5.053	ng	# 96
90) Benzo(a)pyrene	23.19	252	86727	3.229	ng	# 95
92) Benzo(g,h,i)perylene	26.06	276	92290	3.924	ng	96

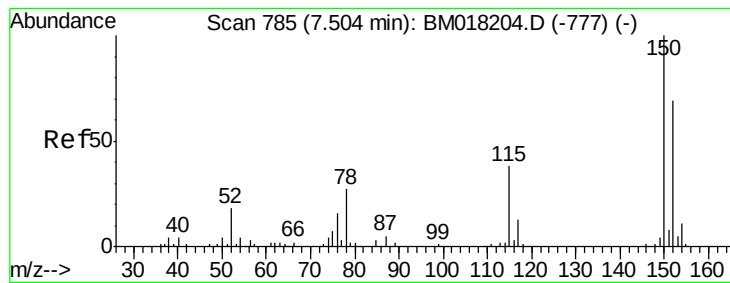
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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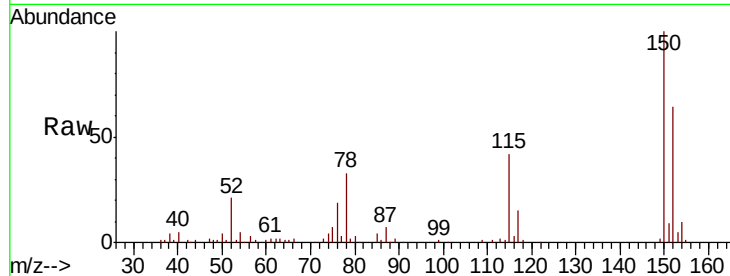


#1

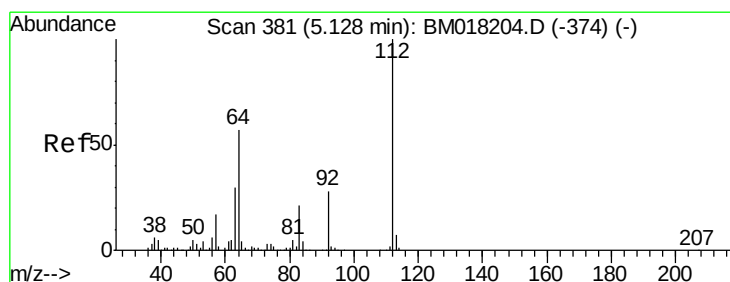
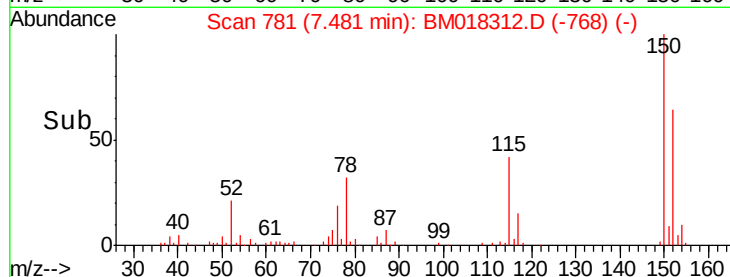
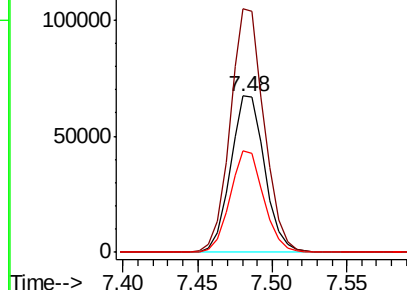
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018312.D
Acq: 20 Dec 2018 00:37

Instrument :
BNA_M
ClientSampleId :
P001-SS003-0006-01

Tgt Ion:152 Resp: 107647
Ion Ratio Lower Upper
152 100
150 155.6 116.1 174.1
115 64.7 44.6 67.0



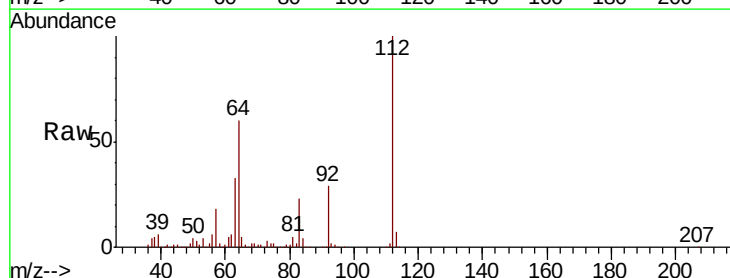
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



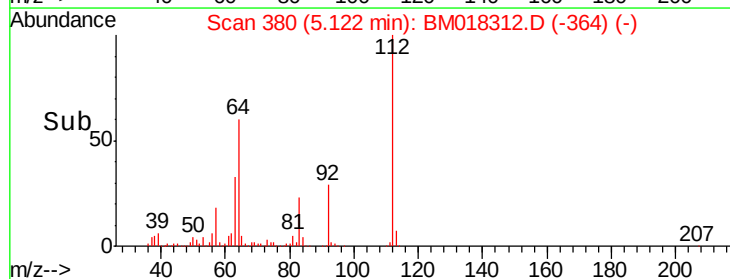
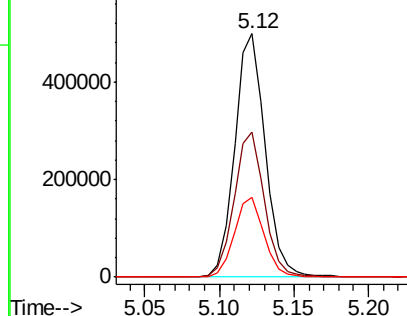
#5

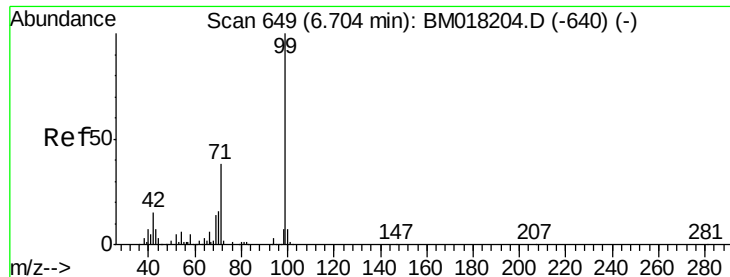
2-Fluorophenol
Concen: 110.025 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018312.D
Acq: 20 Dec 2018 00:37

Tgt Ion:112 Resp: 709009
Ion Ratio Lower Upper
112 100
64 59.6 45.4 68.2
63 32.5 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: 102.371 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018312.D

Acq: 20 Dec 2018 00:37

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0006-01

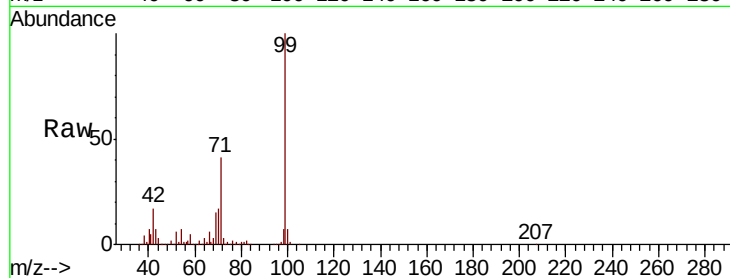
Tgt Ion: 99 Resp: 916906

Ion Ratio Lower Upper

99 100

42 16.8 12.3 18.5

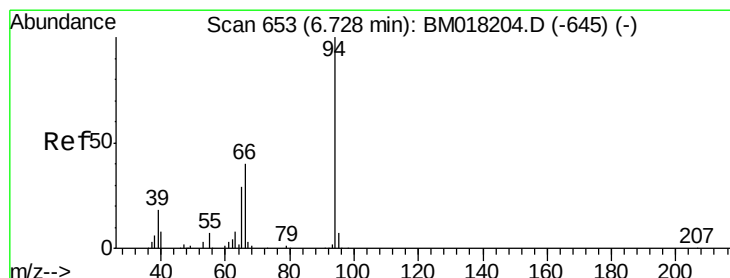
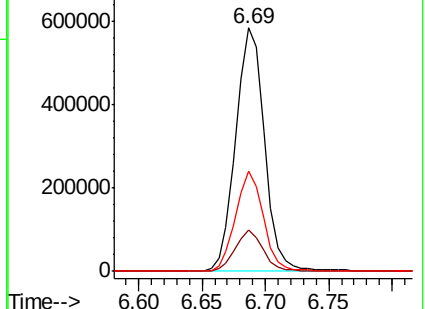
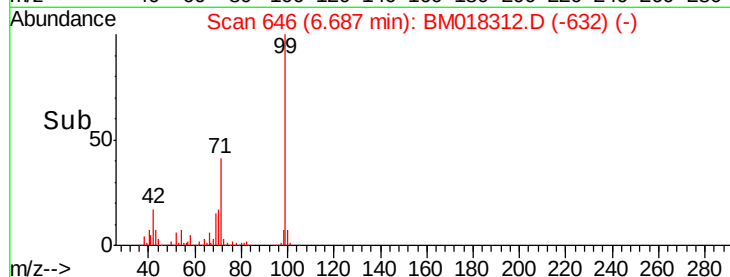
71 41.0 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018312.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018312.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018312.D (-632) (-)



#10

Phenol

Concen: 5.509 ng

RT: 6.71 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM018312.D

Acq: 20 Dec 2018 00:37

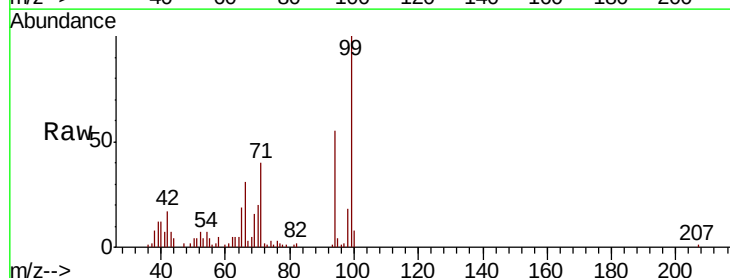
Tgt Ion: 94 Resp: 52259

Ion Ratio Lower Upper

94 100

65 35.3 9.5 49.5

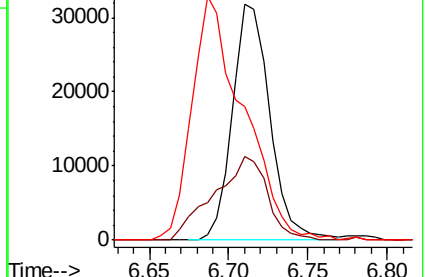
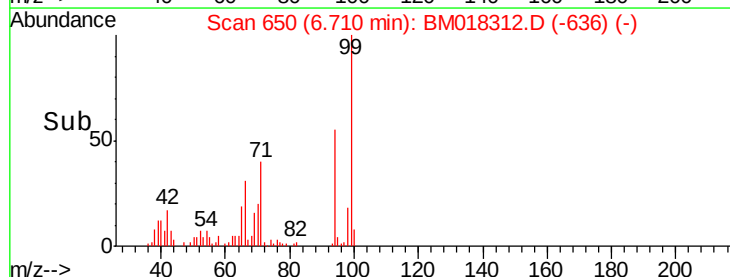
66 56.5 21.3 61.3

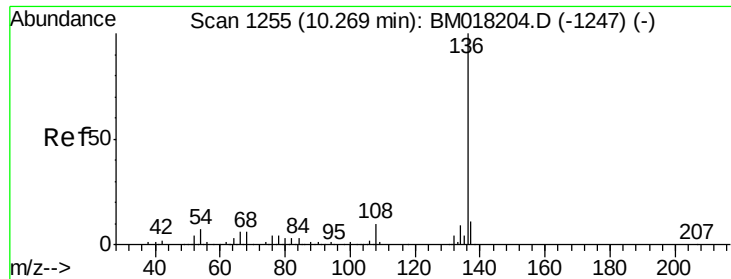


Abundance Ion 94.00 (93.70 to 94.70): BM018312.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018312.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018312.D (-636) (-)

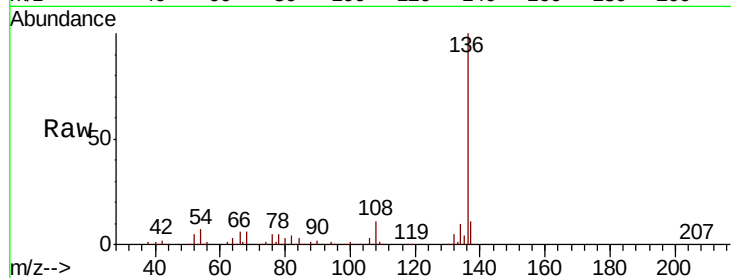




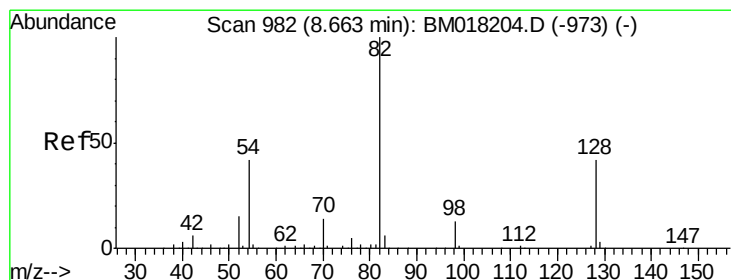
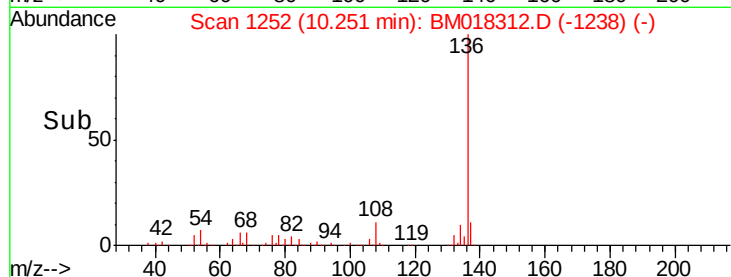
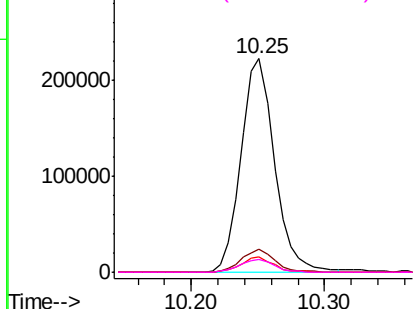
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018312.D
Acq: 20 Dec 2018 00:37

Instrument :
BNA_M
ClientSampleId :
P001-SS003-0006-01

Tgt Ion:	136	Resp:	386431
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.4	5.2	7.8
68	5.9	5.0	7.6

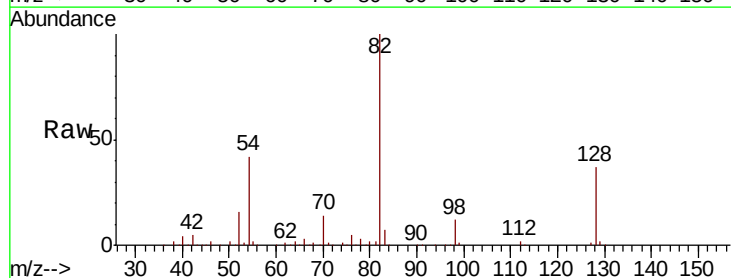


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

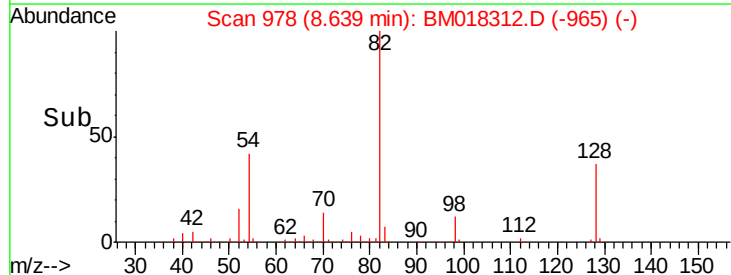
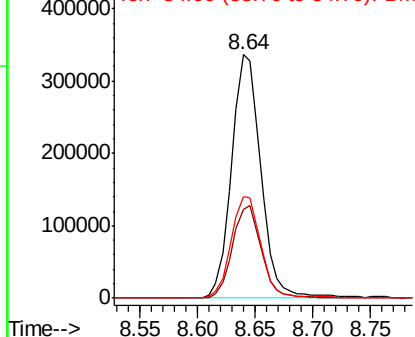


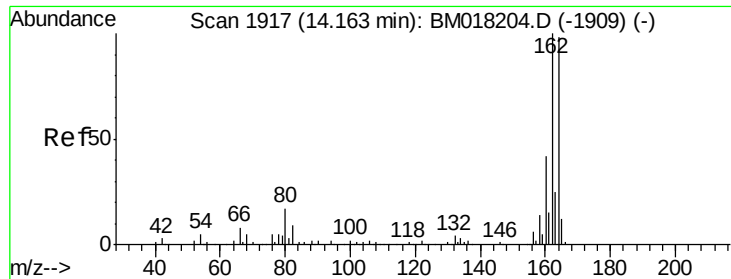
#23
Nitrobenzene-d5
Concen: 78.759 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018312.D
Acq: 20 Dec 2018 00:37

Tgt Ion:	82	Resp:	593349
Ion	Ratio	Lower	Upper
82	100		
128	36.7	33.4	50.2
54	41.7	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: BM018312.D

Acq: 20 Dec 2018 00:37

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0006-01

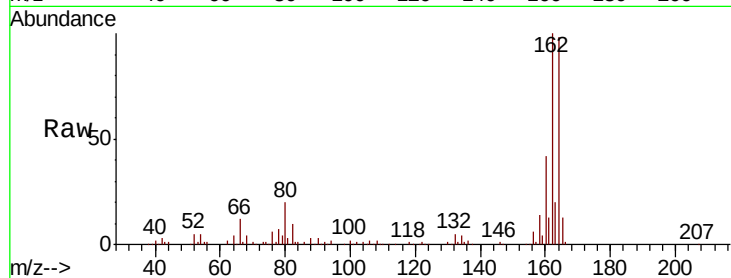
Tgt Ion:164 Resp: 190204

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.6

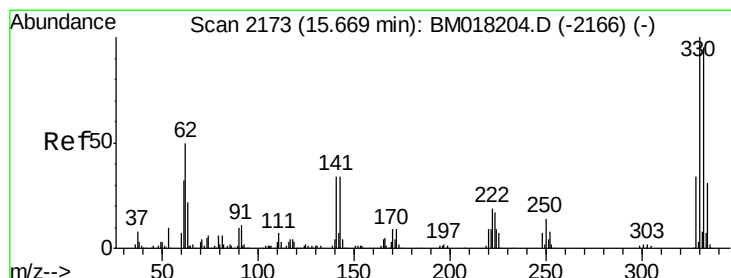
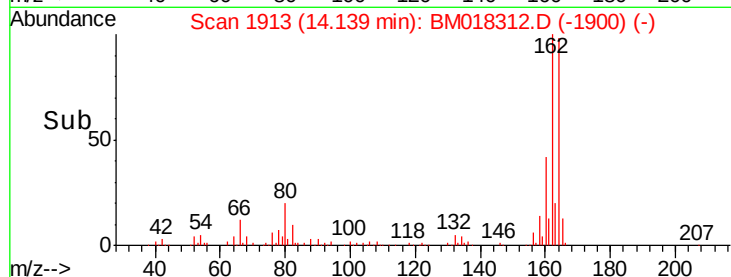
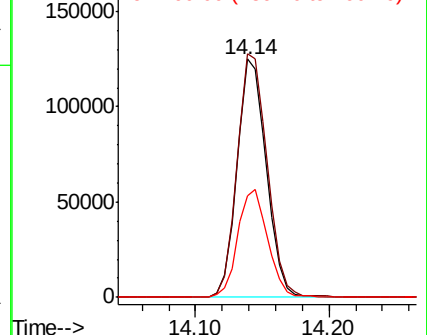
160 42.9 34.6 51.8



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



#42

2,4,6-Tribromophenol

Concen: 96.495 ng

RT: 15.65 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BM018312.D

Acq: 20 Dec 2018 00:37

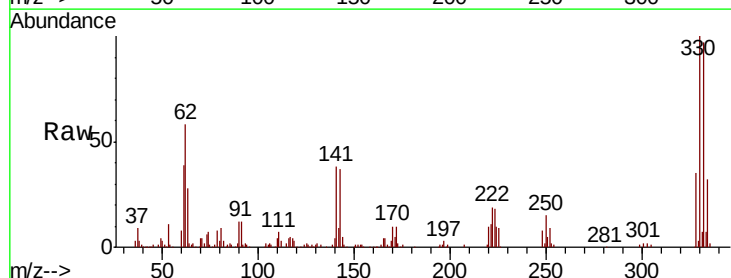
Tgt Ion:330 Resp: 269381

Ion Ratio Lower Upper

330 100

332 97.8 78.6 118.0

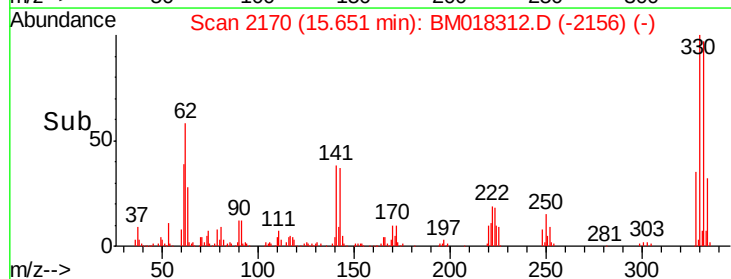
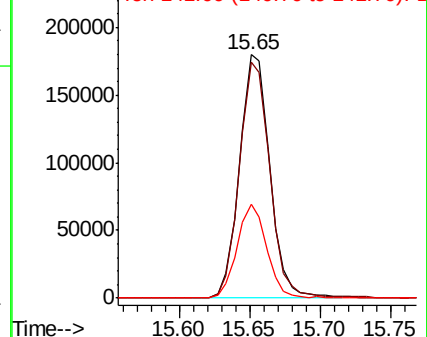
141 37.9 27.1 40.7

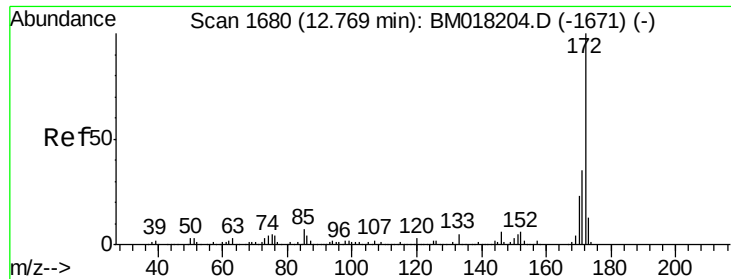


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

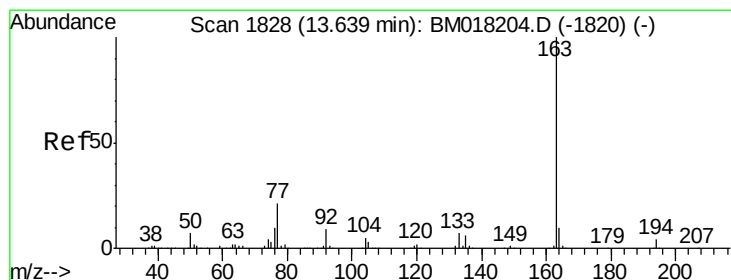
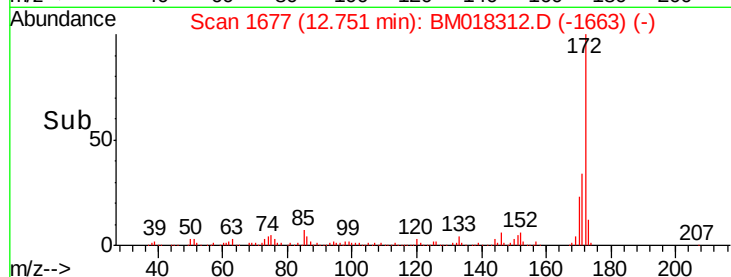
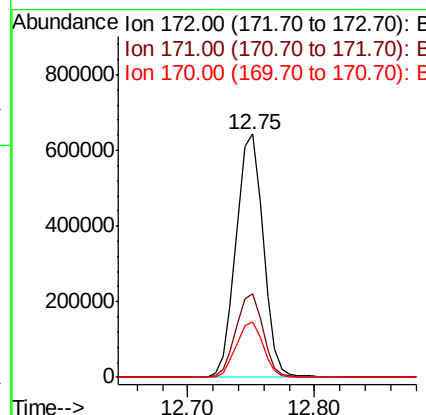
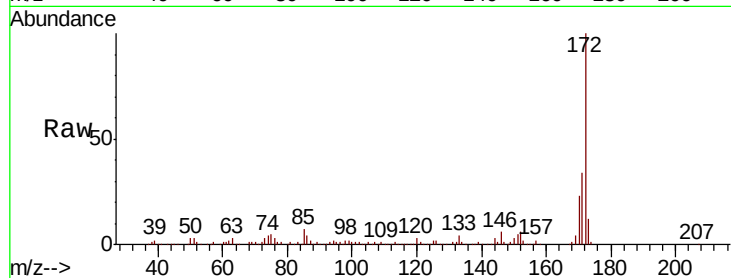




#45
 2-Fluorobiphenyl
 Concen: 65.181 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018312.D
 Acq: 20 Dec 2018 00:37

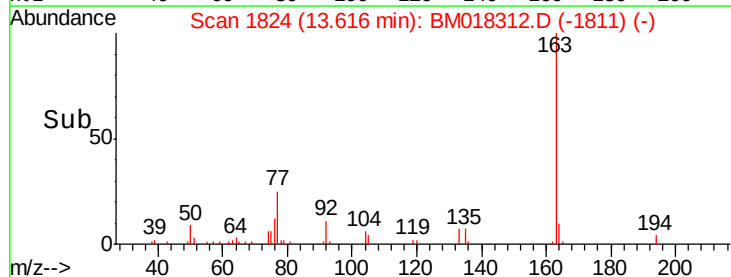
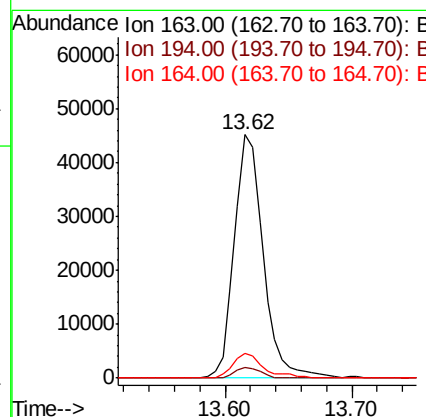
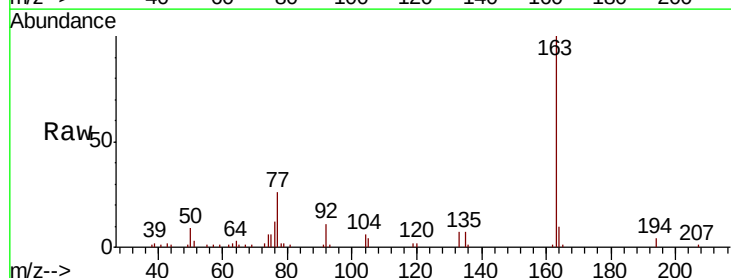
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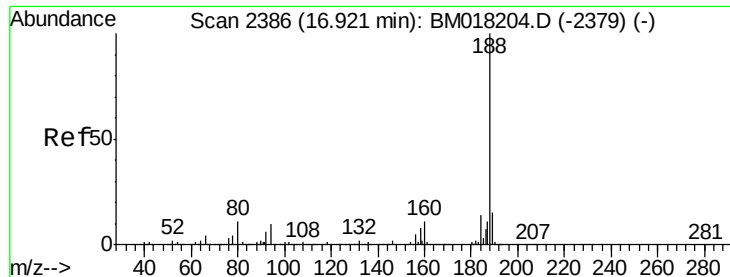
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.3	42.5
170	22.6	18.1	27.1



#50
 Dimethylphthalate
 Concen: 4.518 ng
 RT: 13.62 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BM018312.D
 Acq: 20 Dec 2018 00:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.0	7.9	11.9

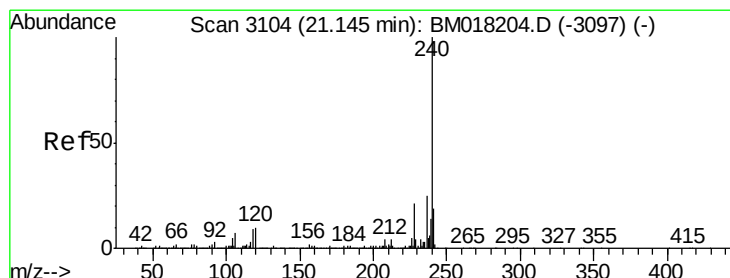
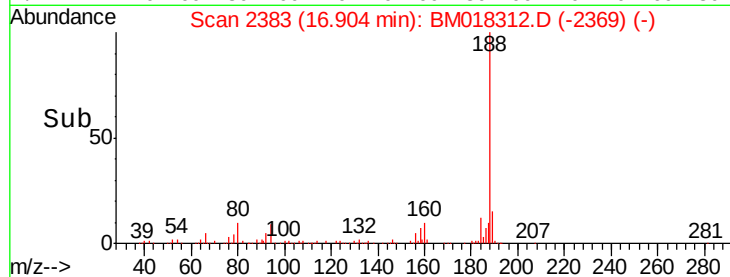
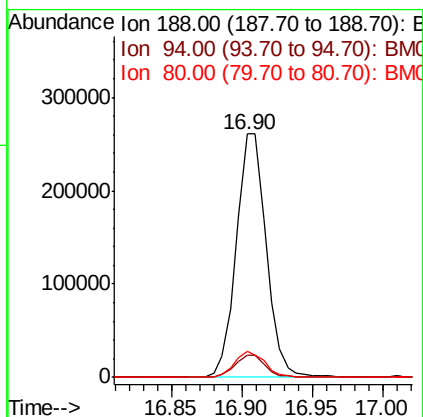
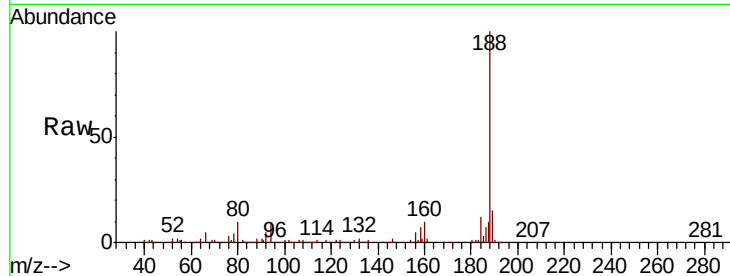




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018312.D
Acq: 20 Dec 2018 00:37

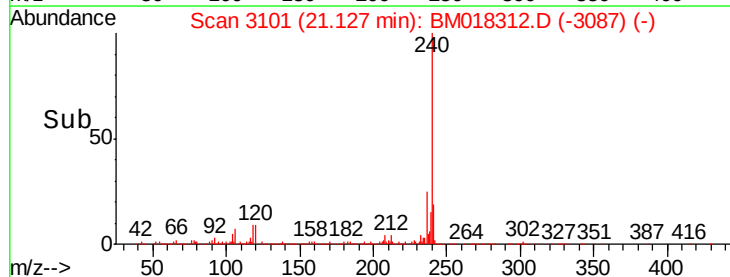
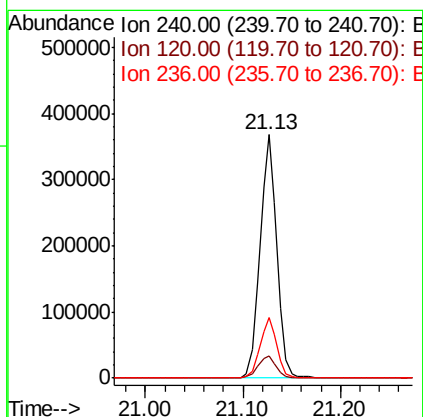
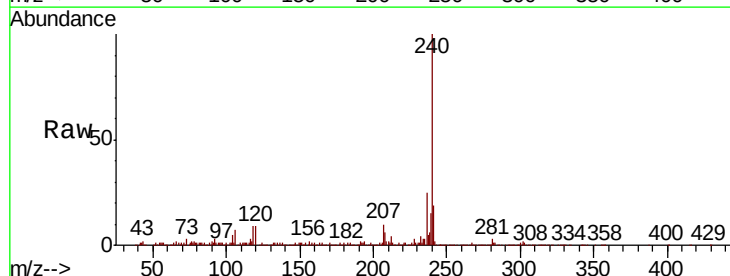
Instrument :
BNA_M
ClientSampleId :
P001-SS003-0006-01

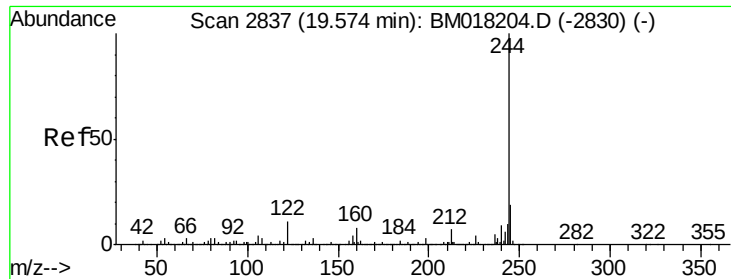
Tgt Ion:188 Resp: 387766
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.5 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018312.D
Acq: 20 Dec 2018 00:37

Tgt Ion:240 Resp: 448933
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 24.9 20.3 30.5





#79

Terphenyl-d14

Concen: 48.383 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018312.D

Acq: 20 Dec 2018 00:37

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0006-01

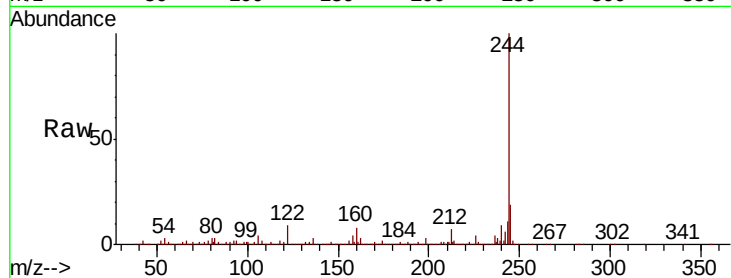
Tgt Ion:244 Resp: 960398

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

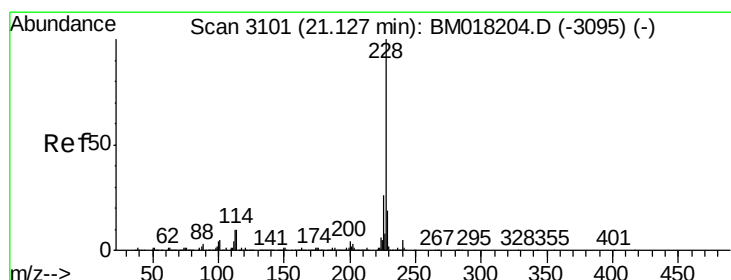
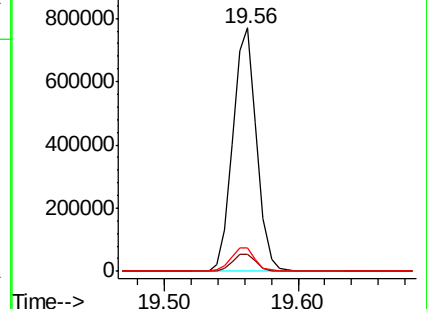
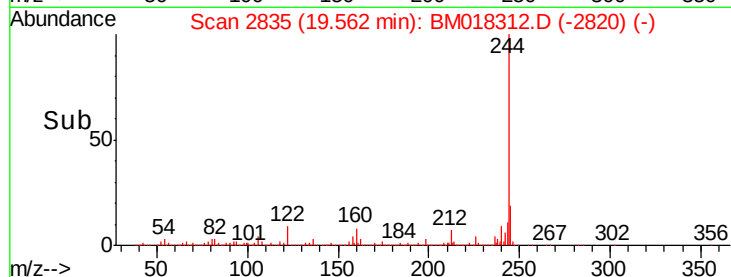
122 9.4 9.0 13.6



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: 2.003 ng

RT: 21.11 min Scan# 3098

Delta R.T. -0.02 min

Lab File: BM018312.D

Acq: 20 Dec 2018 00:37

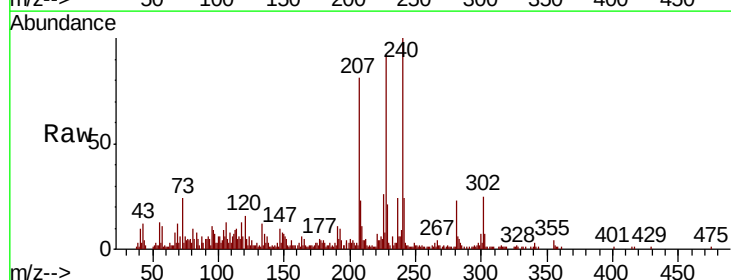
Tgt Ion:228 Resp: 52524

Ion Ratio Lower Upper

228 100

226 28.7 21.0 31.4

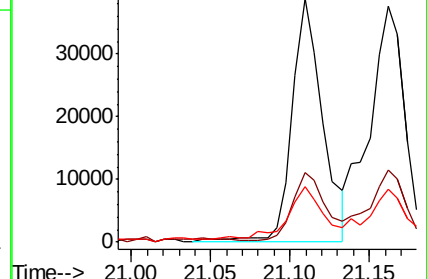
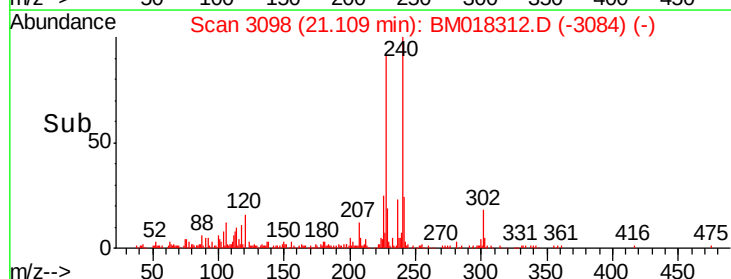
229 22.6 15.5 23.3

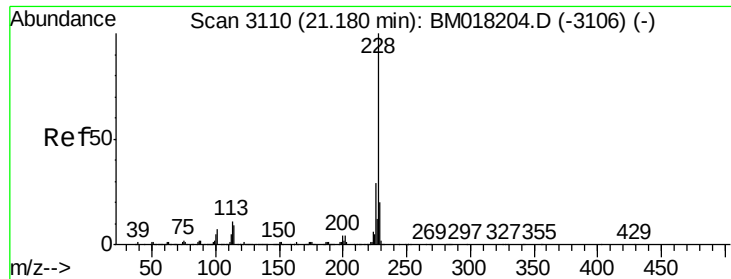


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 2.257 ng

RT: 21.16 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM018312.D

Acq: 20 Dec 2018 00:37

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0006-01

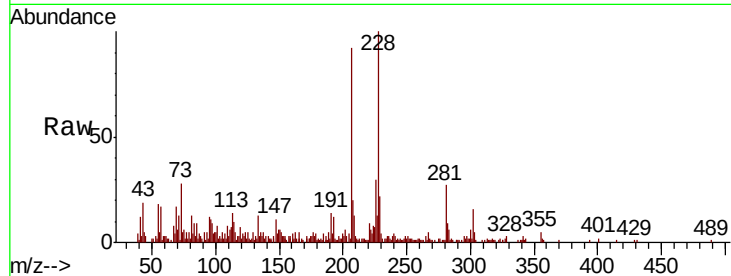
Tgt Ion:228 Resp: 56927

Ion Ratio Lower Upper

228 100

226 30.4 23.1 34.7

229 22.4 15.8 23.6

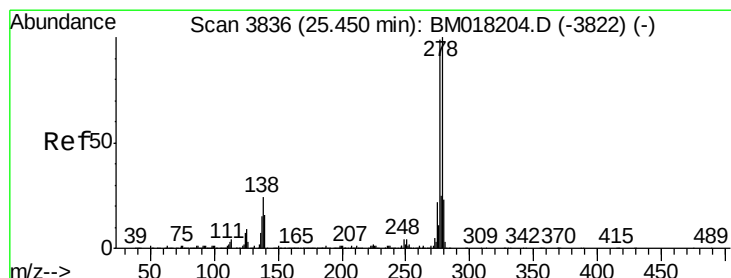
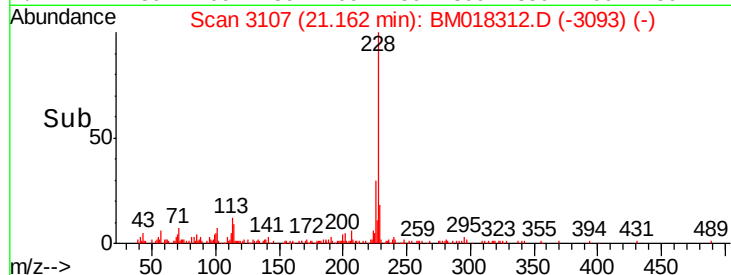
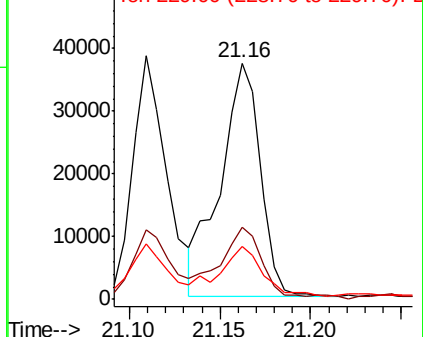


Abundance

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 3.459 ng

RT: 25.41 min Scan# 3830

Delta R.T. -0.04 min

Lab File: BM018312.D

Acq: 20 Dec 2018 00:37

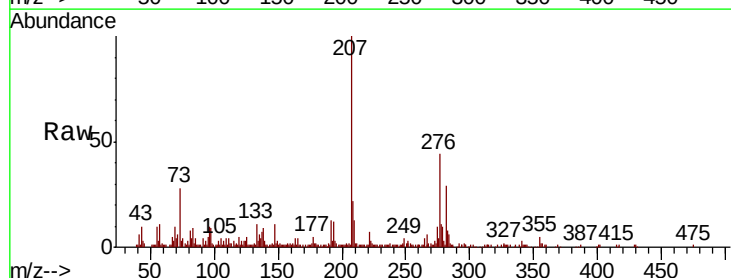
Tgt Ion:276 Resp: 86920

Ion Ratio Lower Upper

276 100

138 18.7 18.6 28.0

277 26.0 20.3 30.5

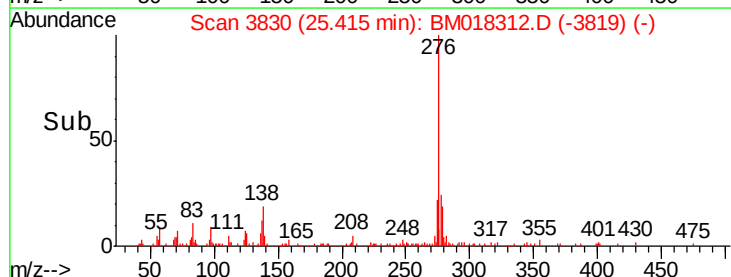
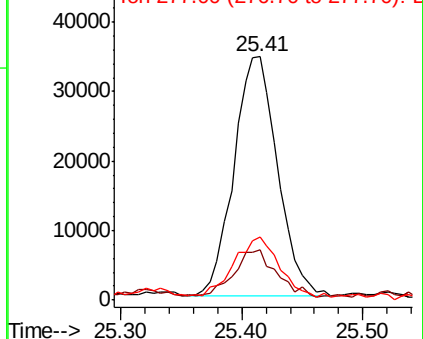


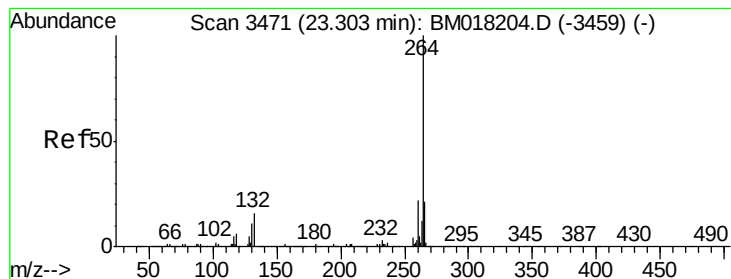
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.28 min Scan# 3467

Delta R.T. -0.02 min

Lab File: BM018312.D

Acq: 20 Dec 2018 00:37

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0006-01

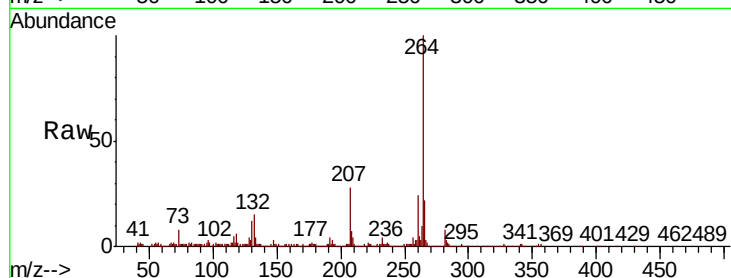
Tgt Ion:264 Resp: 502715

Ion Ratio Lower Upper

264 100

260 23.6 17.5 26.3

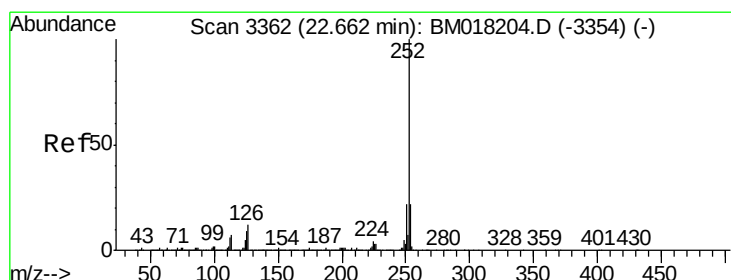
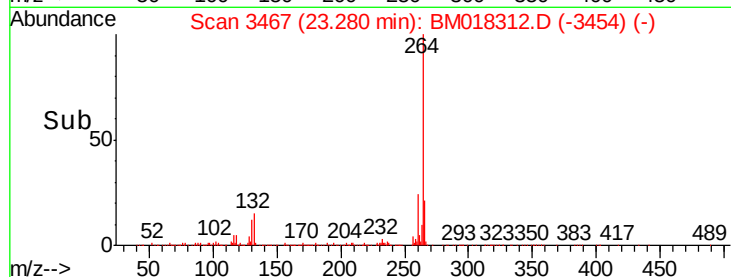
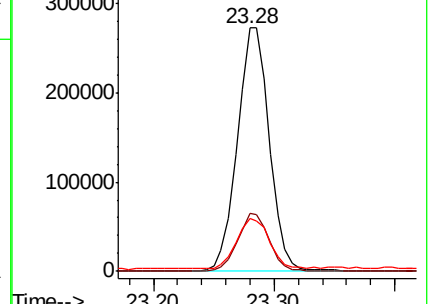
265 21.8 17.3 25.9



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



#88

Benzo(b)fluoranthene

Concen: 5.032 ng

RT: 22.64 min Scan# 3359

Delta R.T. -0.02 min

Lab File: BM018312.D

Acq: 20 Dec 2018 00:37

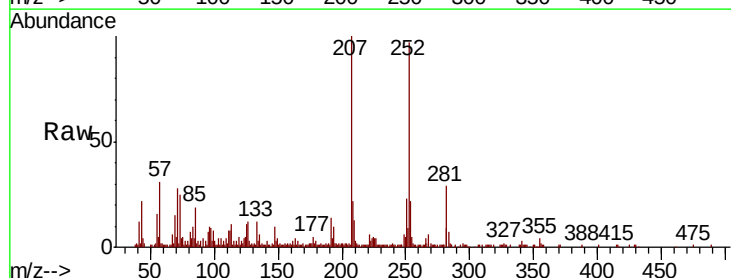
Tgt Ion:252 Resp: 142110

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

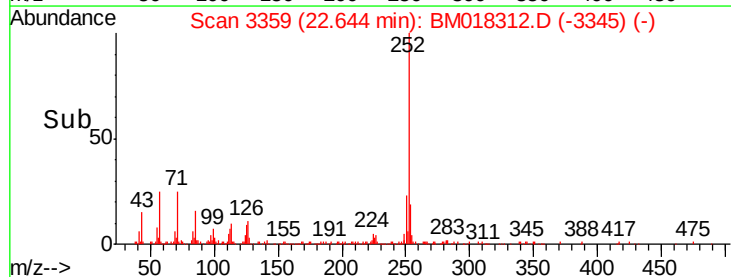
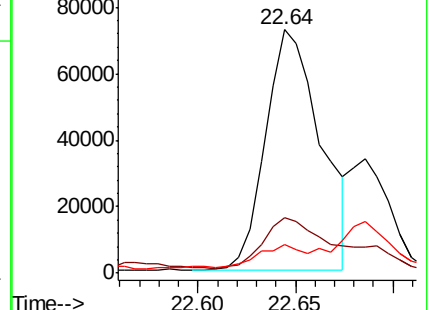
125 11.7 7.4 11.0#

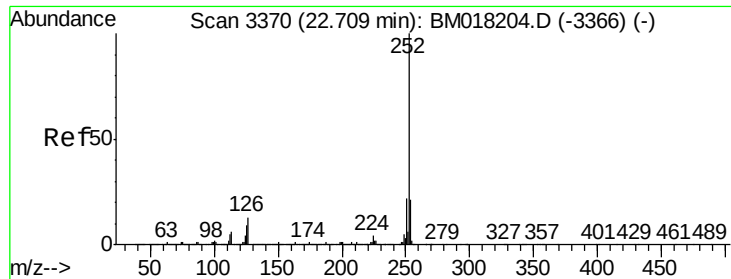


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 5.053 ng

RT: 22.64 min Scan# 3359

Delta R.T. -0.06 min

Lab File: BM018312.D

Acq: 20 Dec 2018 00:37

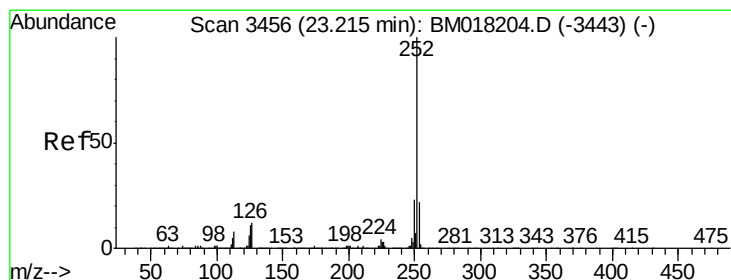
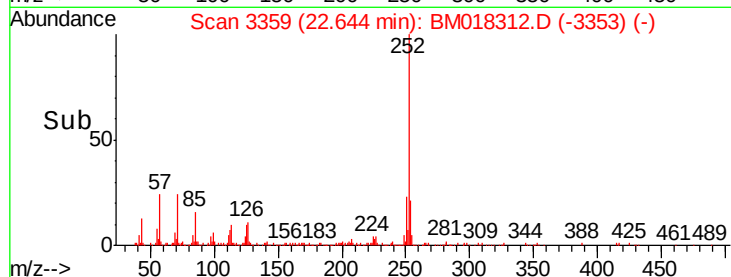
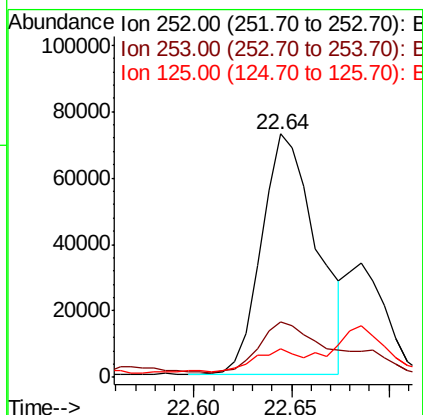
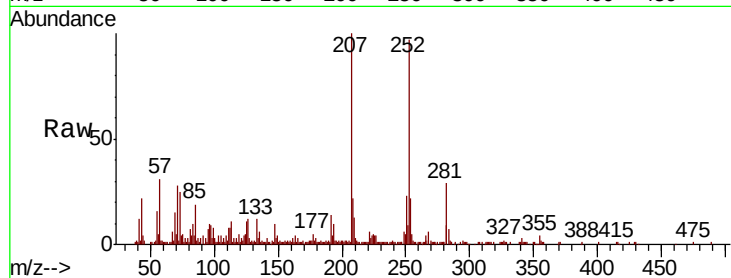
Instrument :

BNA_M

ClientSampleId :

P001-SS003-0006-01

Tgt Ion:	252	Resp:	142110
Ion Ratio	Lower	Upper	
252	100		
253	22.8	16.9	25.3
125	11.7	7.5	11.3#



#90

Benzo(a)pyrene

Concen: 3.229 ng

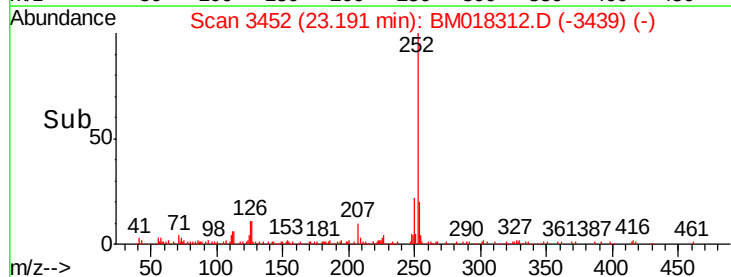
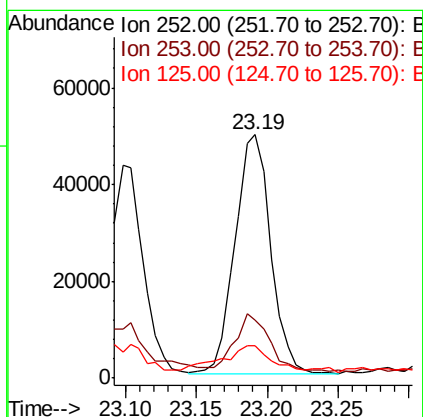
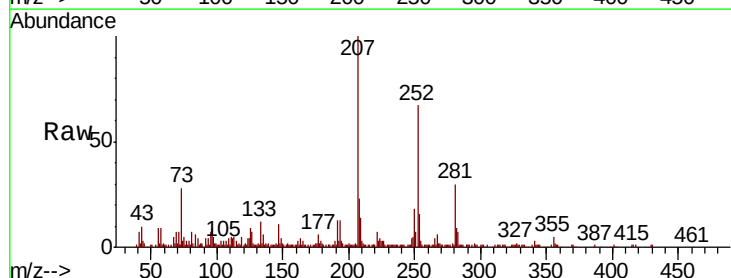
RT: 23.19 min Scan# 3452

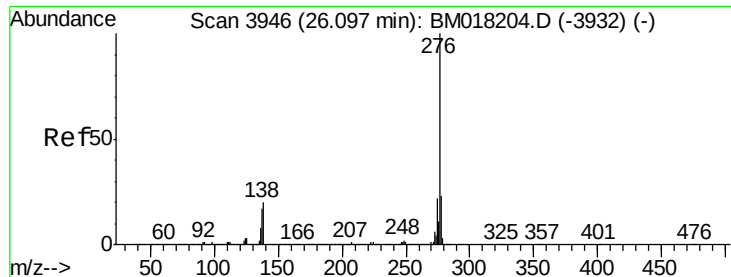
Delta R.T. -0.02 min

Lab File: BM018312.D

Acq: 20 Dec 2018 00:37

Tgt Ion:	252	Resp:	86727
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.6	26.4
125	13.1	8.6	12.8#





#92

Benzo(g,h,i)perylene

Concen: 3.924 ng

RT: 26.06 min Scan# 3940

Delta R.T. -0.04 min

Lab File: BM018312.D

Acq: 20 Dec 2018 00:37

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0006-01

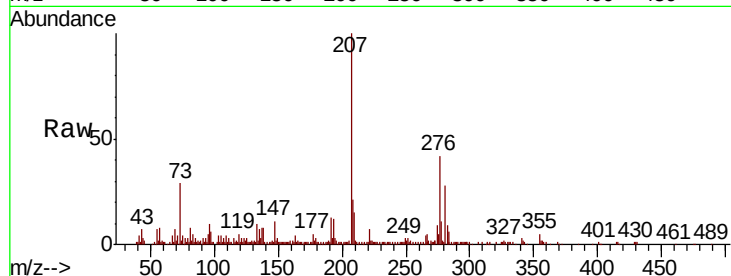
Tgt Ion: 276 Resp: 92290

Ion Ratio Lower Upper

276 100

277 25.0 18.7 28.1

138 17.8 15.8 23.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

