

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022719\
 Data File : BM018956.D
 Acq On : 27 Feb 2019 19:10
 Operator : JU/SJ
 Sample : K1633-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SR-11-S

Manual Integrations
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 2/28/2019 1:33:29 PM

Quant Time: Feb 28 04:16:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	313358	20.00	ng	-0.02
21) Naphthalene-d8	10.47	136	1353067	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	803394	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1766254	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1524944	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1297061	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2885689	150.89	ng	-0.02
7) Phenol-d6	6.88	99	4273386	158.61	ng	-0.01
23) Nitrobenzene-d5	8.86	82	2726772	93.18	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1752970	151.37	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	5423035	89.61	ng	-0.02
79) Terphenyl-d14	19.73	244	8072071	109.20	ng	-0.01

Target Compounds					Qvalue
10) Phenol	6.90	94	204094	7.199 ng	98
50) Dimethylphthalate	13.80	163	313500	4.682 ng	100
52) Acenaphthene	14.40	154	118348	2.427 ng	98
58) Fluorene	15.39	166	166212	2.710 ng	98
71) Phenanthrene	17.14	178	1752473	18.462 ng	100
72) Anthracene	17.23	178	570335	6.173 ng	99
75) Fluoranthene	19.16	202	3140517	28.642 ng	99
78) Pyrene	19.53	202	2534651	28.618 ng	100
81) Benzo(a)anthracene	21.27	228	1161751	13.069 ng	99
83) Chrysene	21.33	228	935106	10.975 ng	98
84) Bis(2-ethylhexyl)phthalate	21.19	149	160448	2.716 ng	99
86) Indeno(1,2,3-cd)pyrene	25.81	276	537809	5.467 ng	96
88) Benzo(b)fluoranthene	22.86	252	1134071	15.282 ng	99
89) Benzo(k)fluoranthene	22.90	252	420150m	5.687 ng	
90) Benzo(a)pyrene	23.44	252	828596	11.786 ng	98
92) Benzo(g,h,i)perylene	26.51	276	506520	7.812 ng	99

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

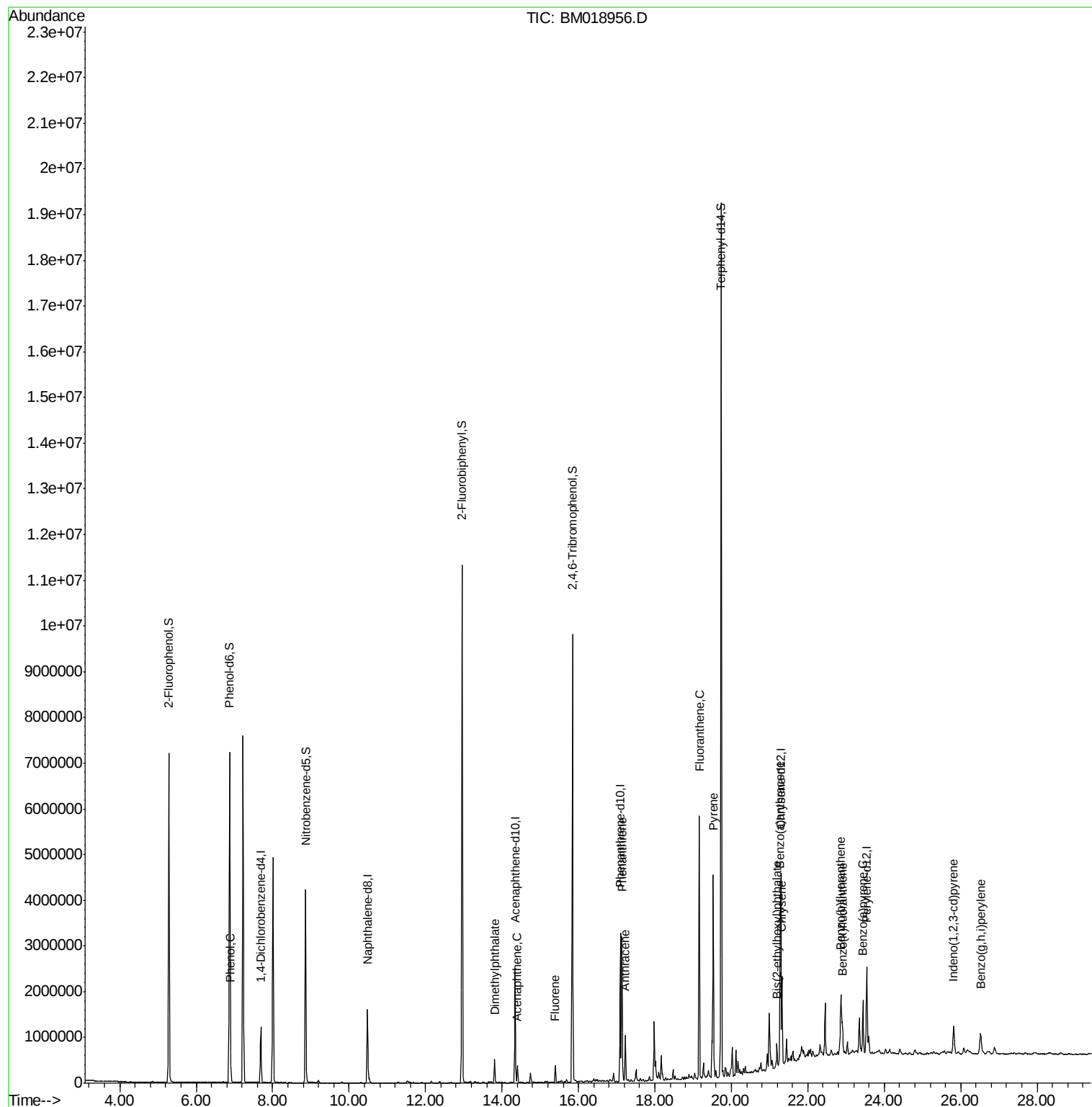
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022719\
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ALS Vial : 11 Sample Multiplier: 1

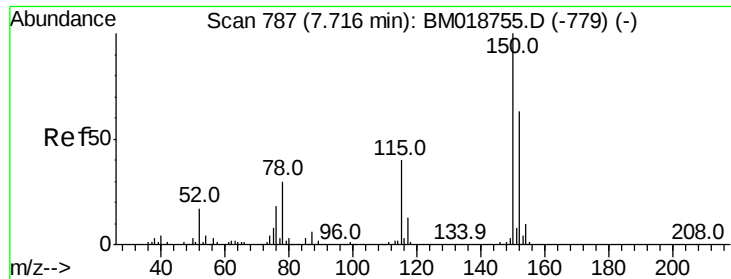
Instrument :
BNA_M
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SR-11-S

Quant Time: Feb 28 04:16:50 2019
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#1

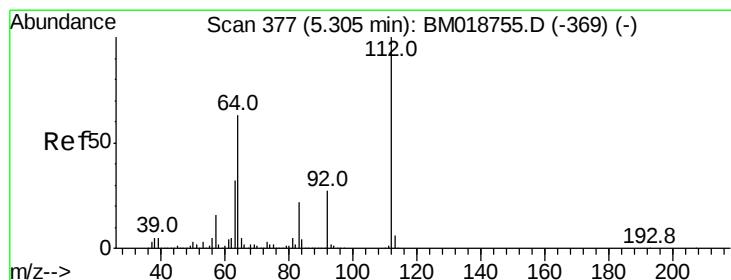
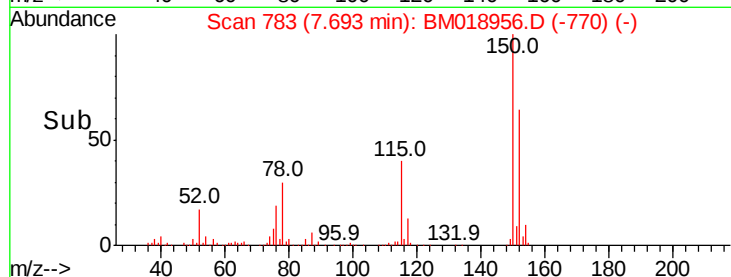
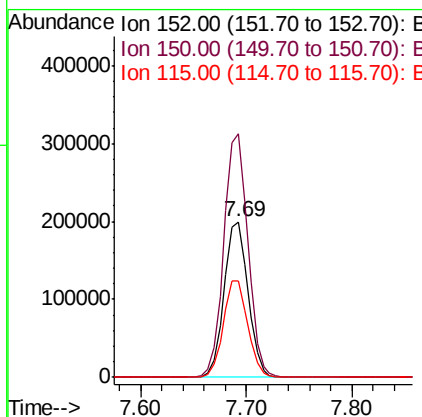
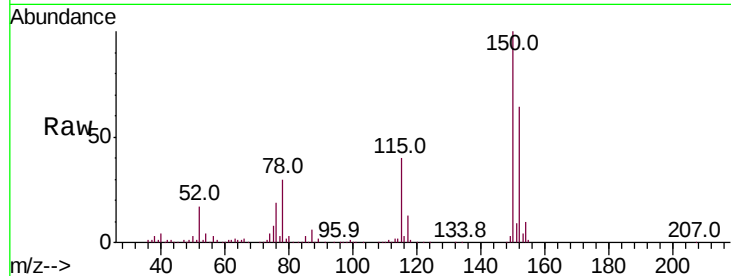
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Instrument :
BNA_M
ClientSampleId :
SR-11-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	127.3	190.9
115	62.0	50.8	76.2

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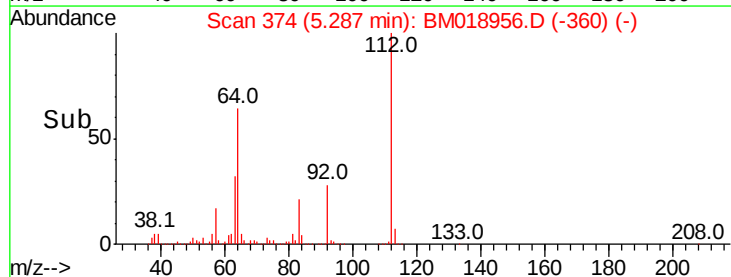
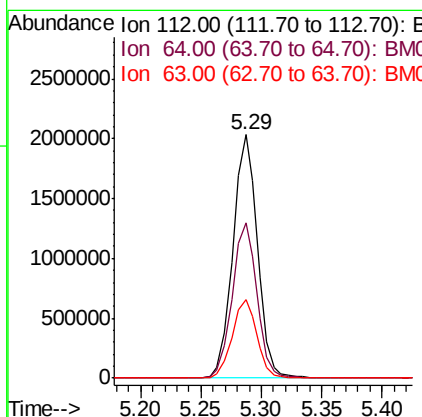
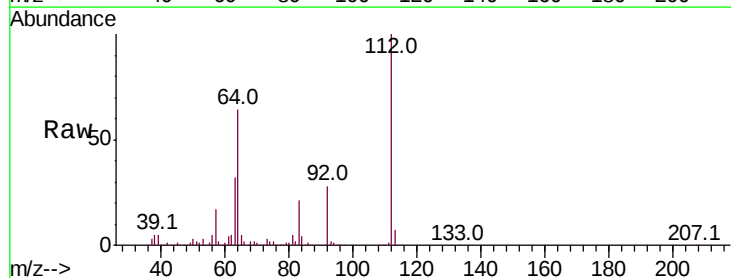
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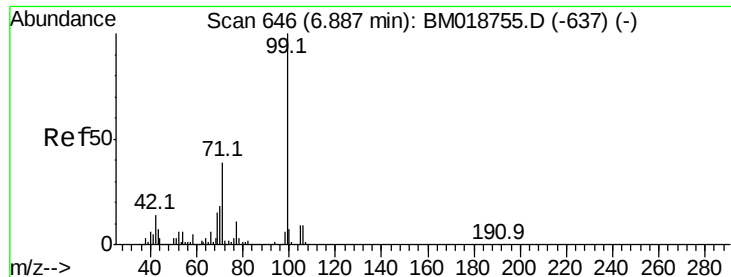


#5

2-Fluorophenol
Concen: 150.886 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	50.6	75.8
63	32.5	25.7	38.5





#7

Phenol-d6

Concen: 158.612 ng

RT: 6.88 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018956.D

Acq: 27 Feb 2019 19:10

Instrument :

BNA_M

ClientSampleId :

SR-11-S

Tot Ion: 99 Resp: 4273386

Ion Ratio Lower Upper

99 100

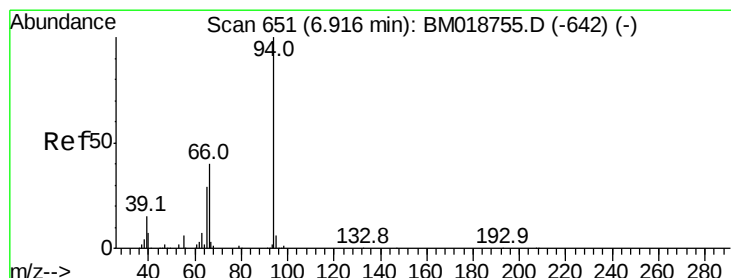
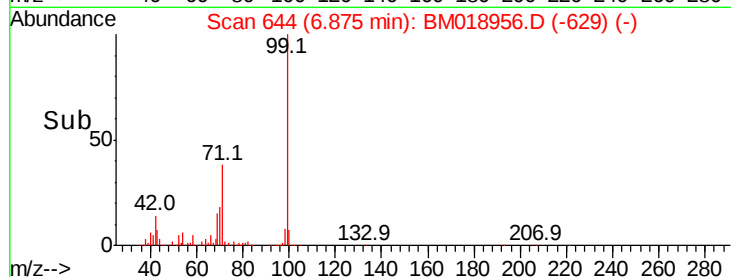
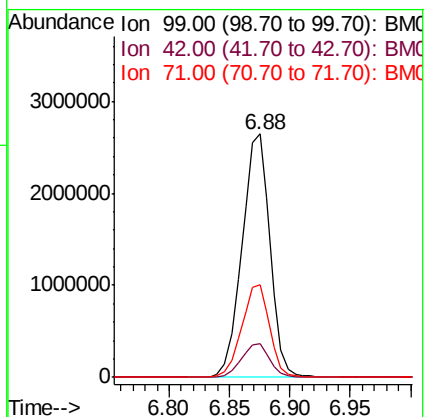
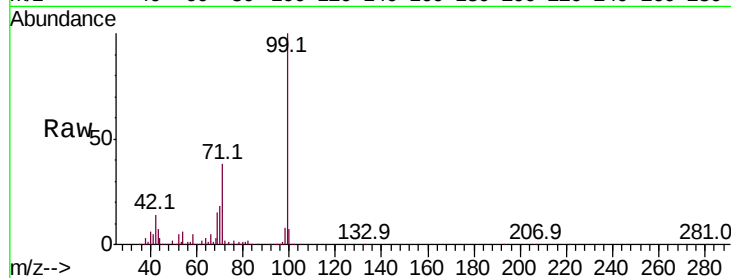
42 13.8 11.0 16.6

71 38.0 31.3 46.9

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#10

Phenol

Concen: 7.199 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.02 min

Lab File: BM018956.D

Acq: 27 Feb 2019 19:10

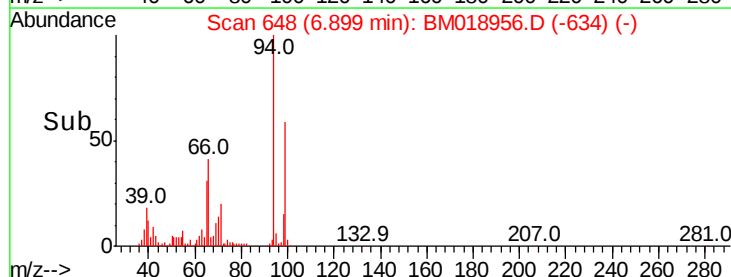
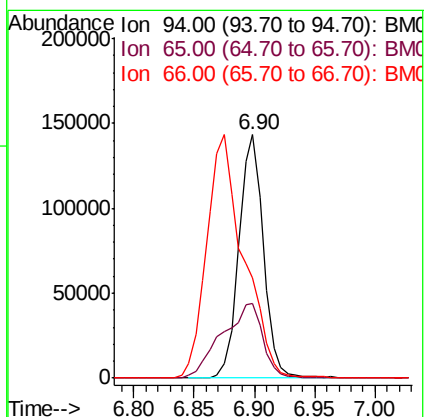
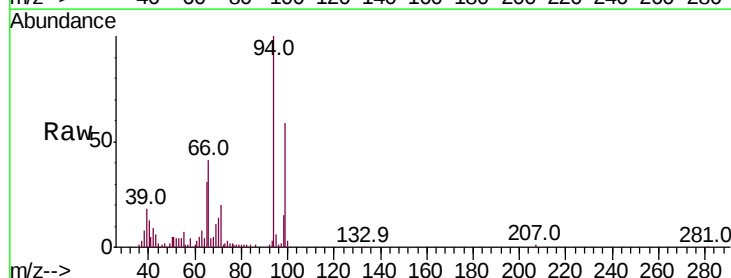
Tgt Ion: 94 Resp: 204094

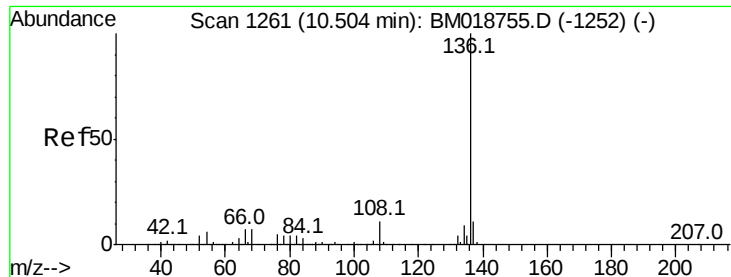
Ion Ratio Lower Upper

94 100

65 30.8 9.6 49.6

66 41.5 20.4 60.4





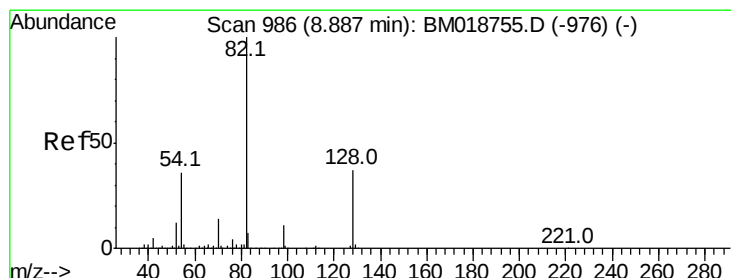
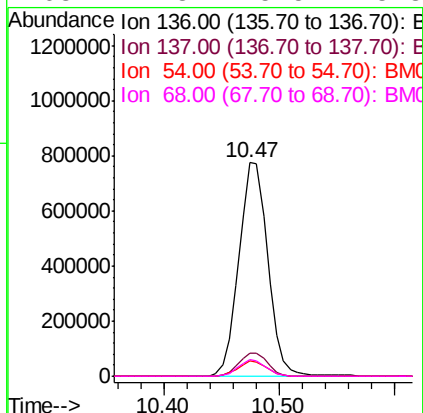
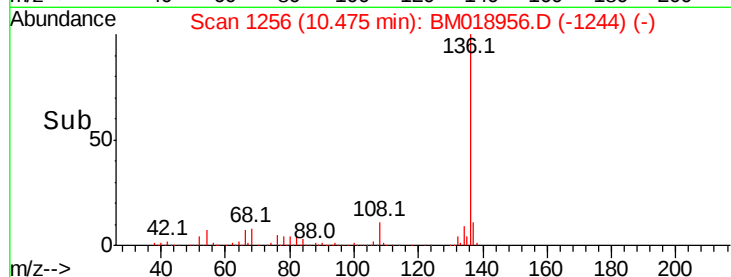
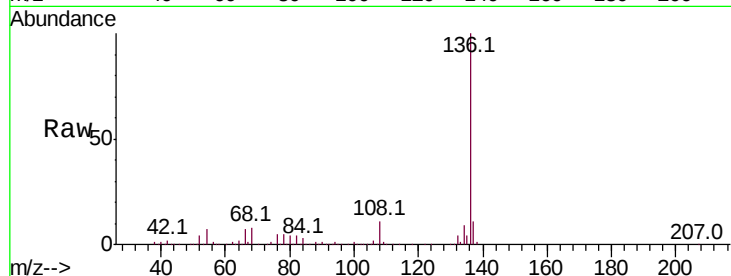
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.03 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Instrument :
BNA_M
ClientSampleId :
SR-11-S

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.2	5.0	7.6
68	7.8	5.5	8.3

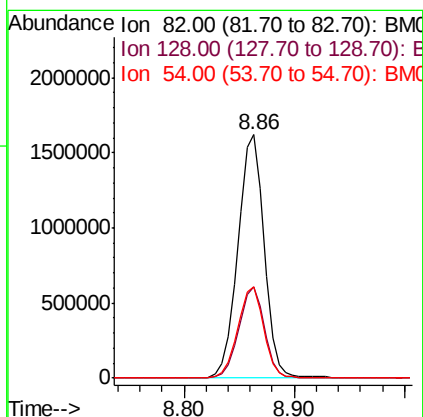
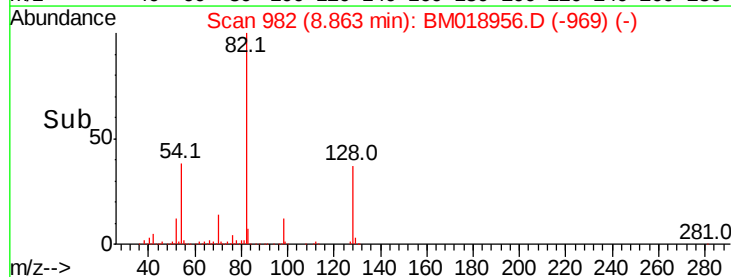
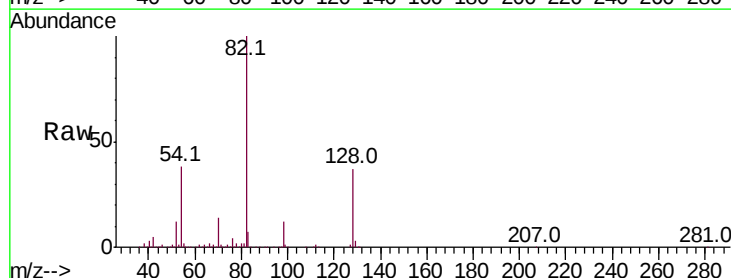
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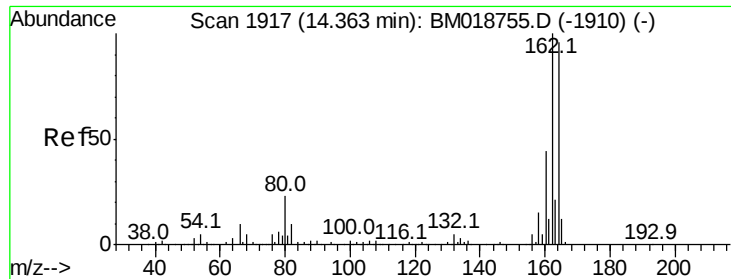
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#23
Nitrobenzene-d5
Concen: 93.183 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.9	44.9
54	37.5	29.1	43.7





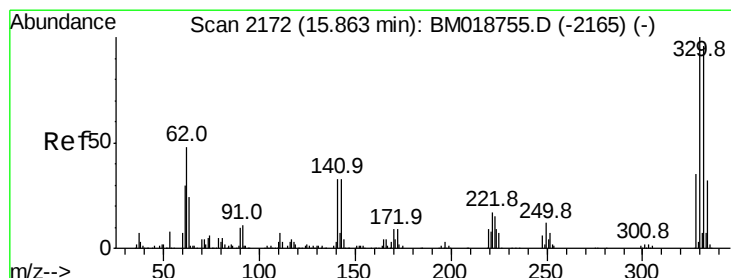
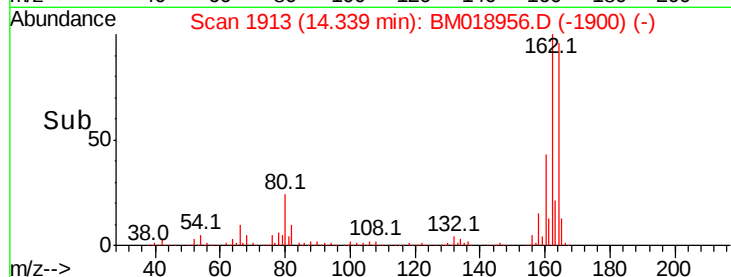
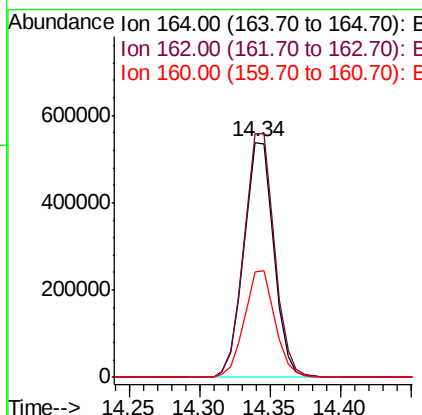
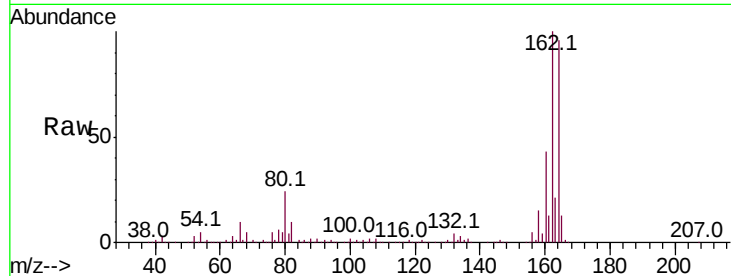
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Instrument :
BNA_M
ClientSampled :
SR-11-S

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.4	125.0
160	44.7	36.6	55.0

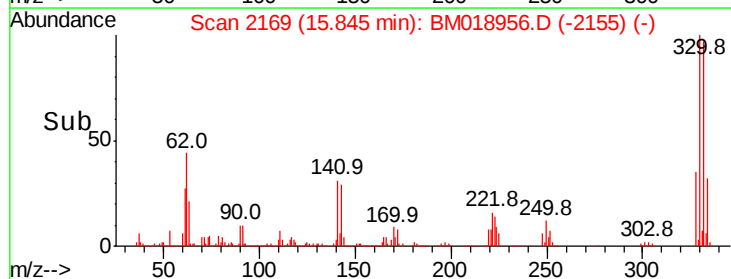
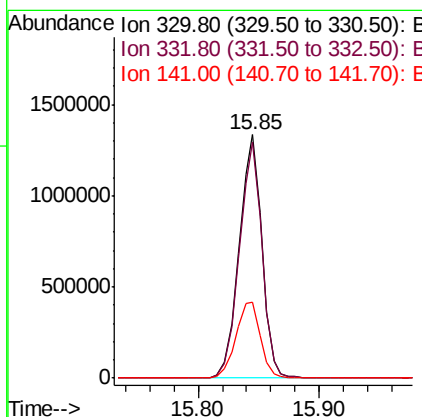
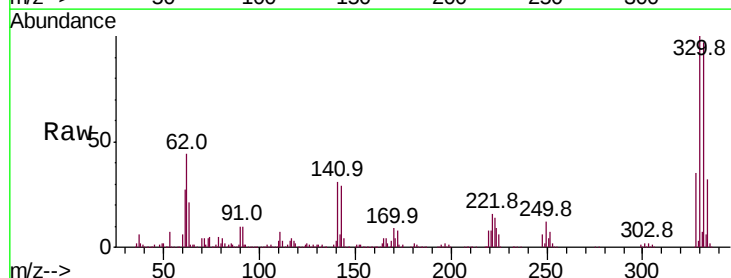
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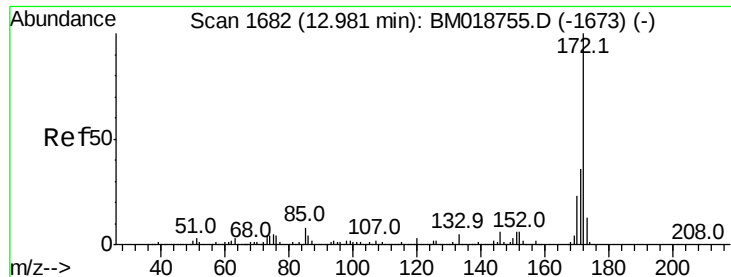
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#42
2,4,6-Tribromophenol
Concen: 151.370 ng
RT: 15.85 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	33.8	28.7	43.1





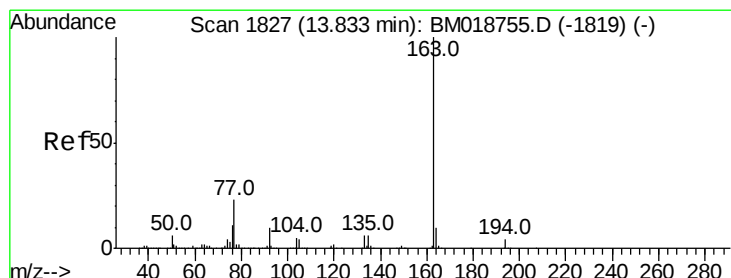
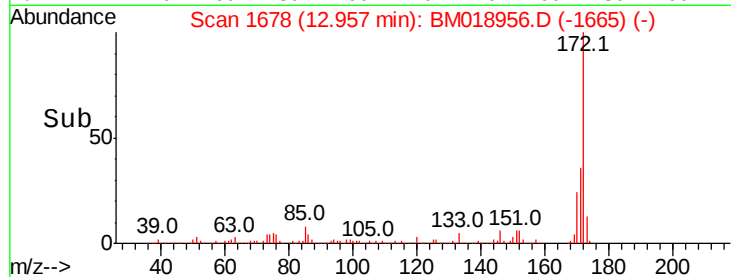
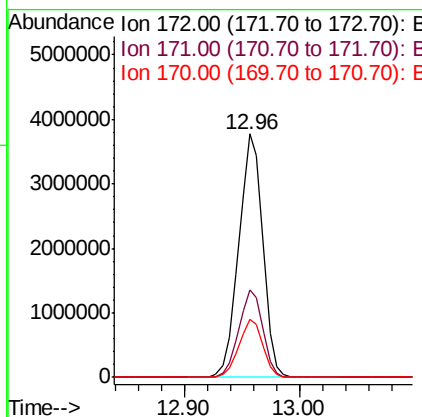
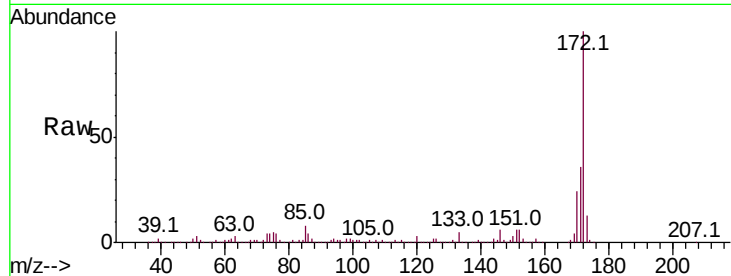
#45
2-Fluorobiphenyl
Concen: 89.607 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.02 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Instrument :
BNA_M
ClientSampled :
SR-11-S

Tot Ion:172 Resp: 5423035
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.7 18.6 28.0

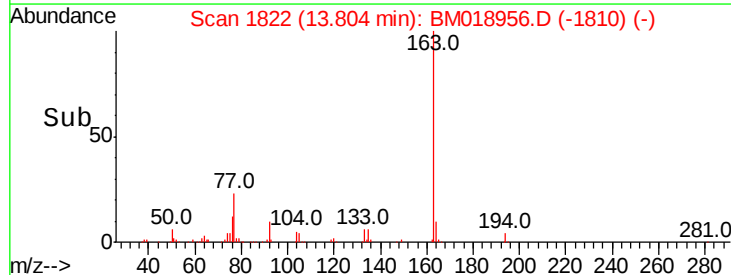
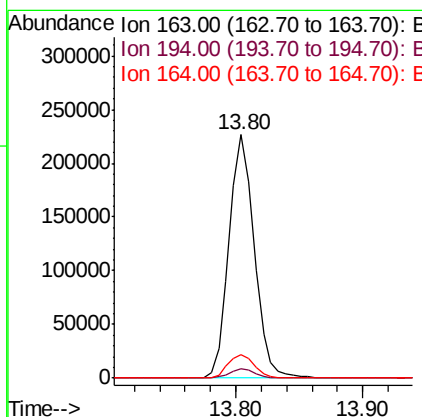
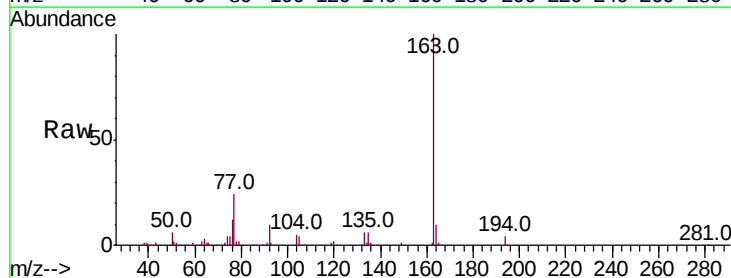
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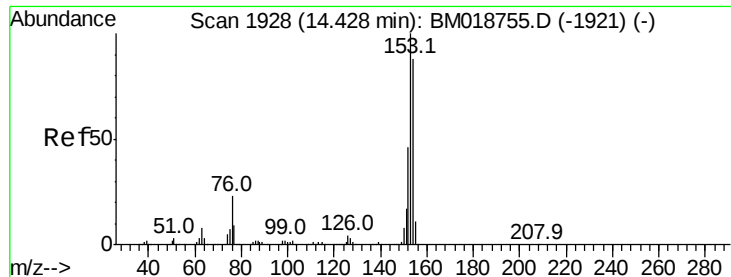
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#50
Dimethylphthalate
Concen: 4.682 ng
RT: 13.80 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Tgt Ion:163 Resp: 313500
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.8 7.8 11.8





#52

Acenaphthene

Concen: 2.427 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BM018956.D

Acq: 27 Feb 2019 19:10

Instrument :

BNA_M

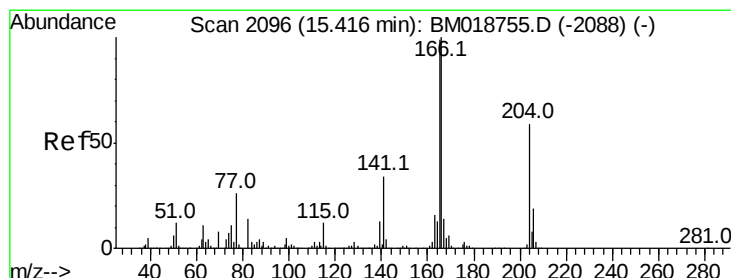
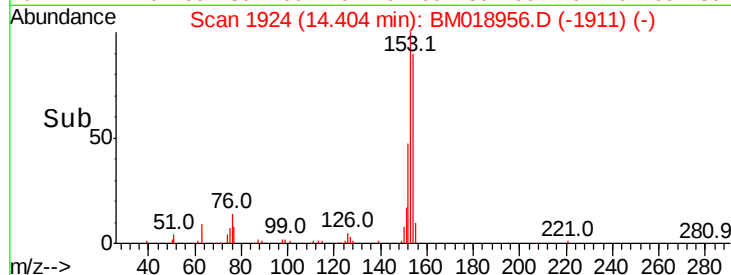
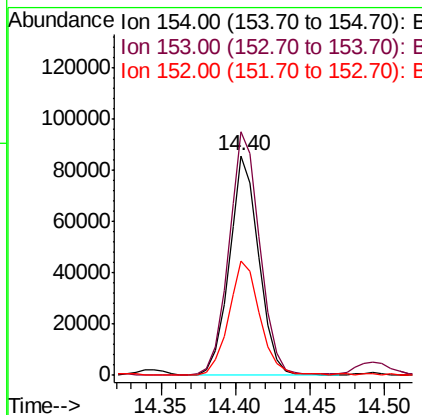
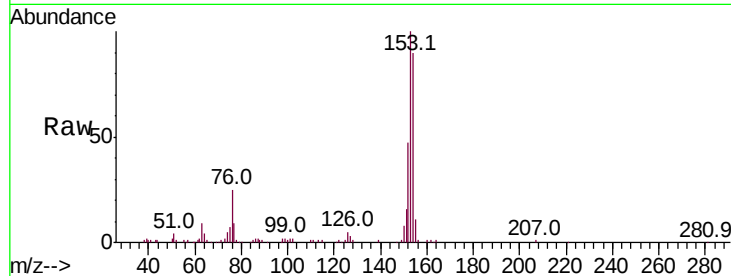
ClientSampleId :

SR-11-S

Tot Ion:	154	Resp:	118348
Ion Ratio	Lower	Upper	
154	100		
153	110.9	91.3	136.9
152	52.3	42.2	63.4

Manual Integrations
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#58

Fluorene

Concen: 2.710 ng

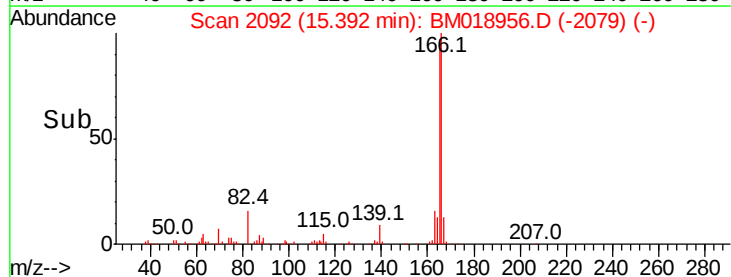
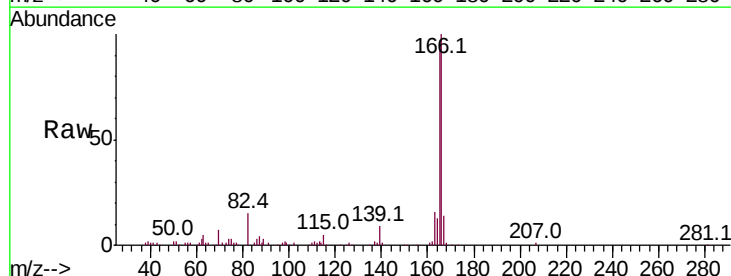
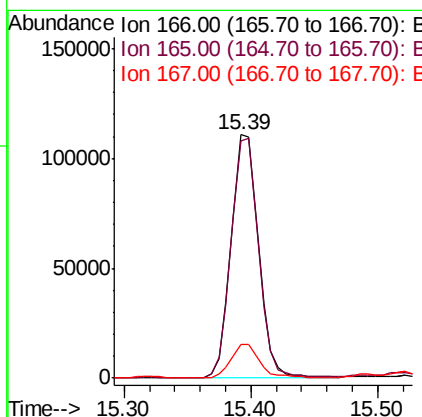
RT: 15.39 min Scan# 2092

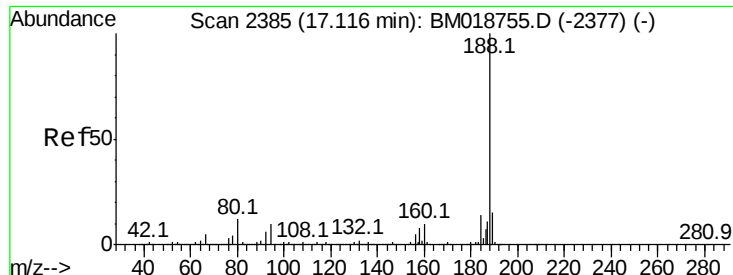
Delta R.T. -0.02 min

Lab File: BM018956.D

Acq: 27 Feb 2019 19:10

Tgt Ion:	166	Resp:	166212
Ion Ratio	Lower	Upper	
166	100		
165	97.2	79.1	118.7
167	13.7	11.0	16.4





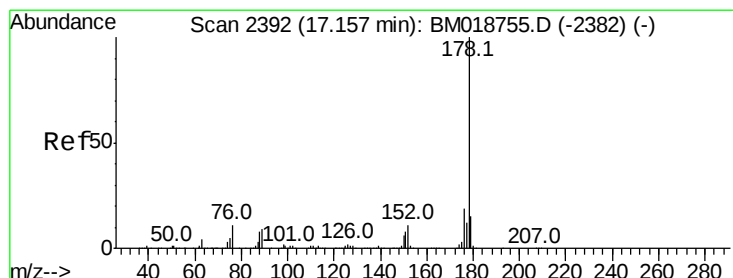
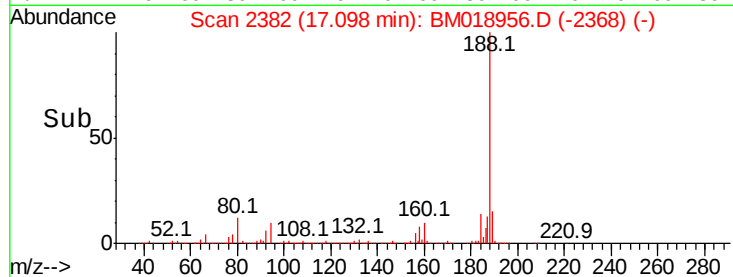
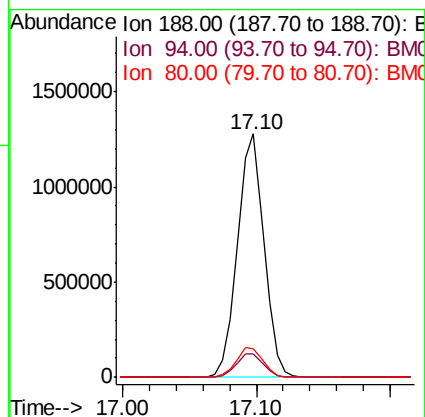
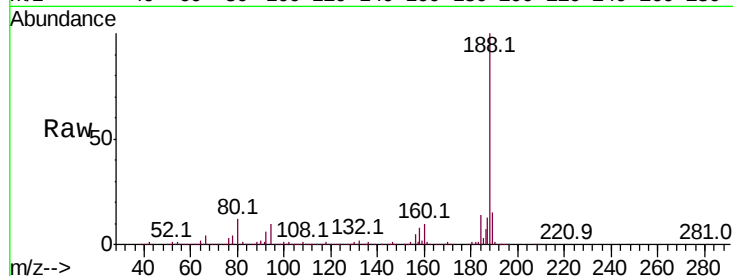
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Instrument :
BNA_M
ClientSampleId :
SR-11-S

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	11.9	9.7	14.5

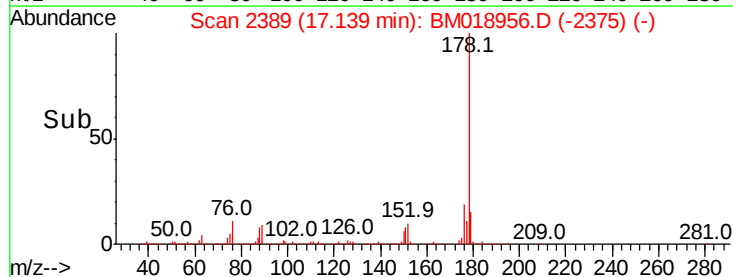
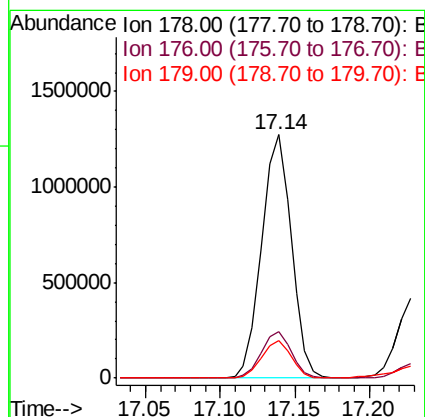
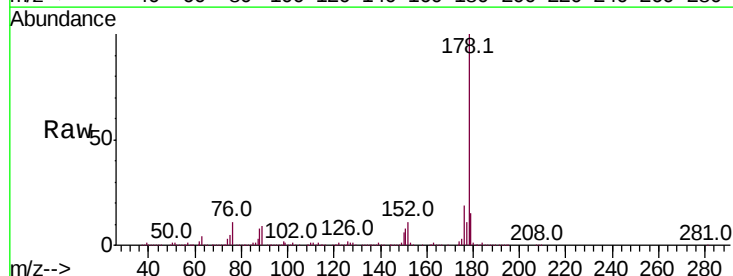
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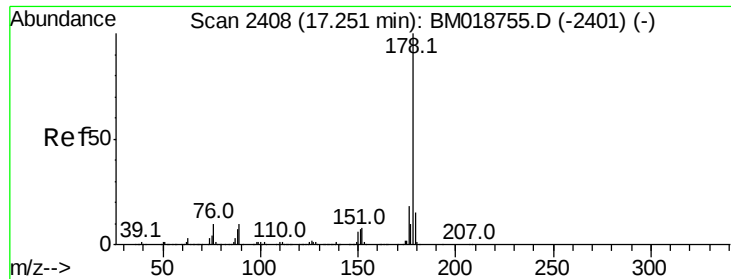
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#71
Phenanthrene
Concen: 18.462 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.4	12.3	18.5





#72

Anthracene

Concen: 6.173 ng

RT: 17.23 min Scan# 2404

Delta R.T. -0.02 min

Lab File: BM018956.D

Acq: 27 Feb 2019 19:10

Instrument :

BNA_M

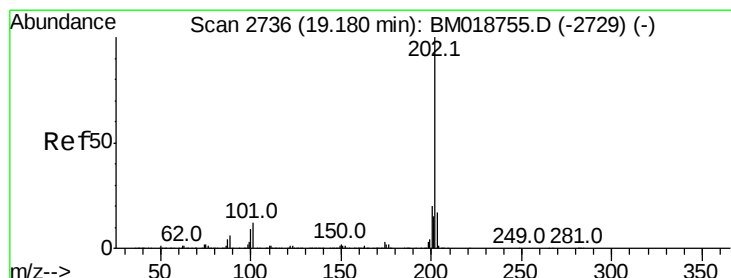
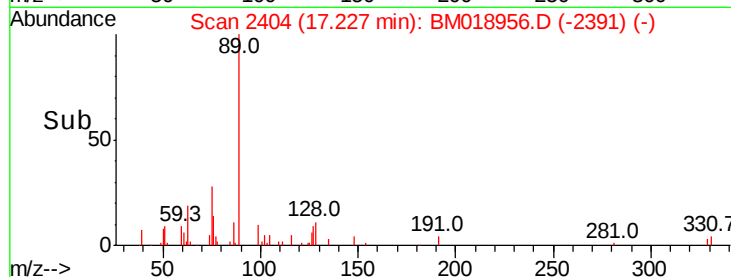
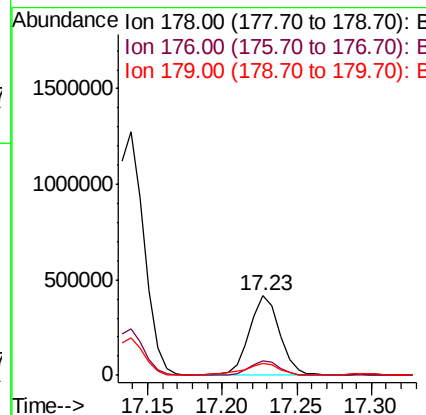
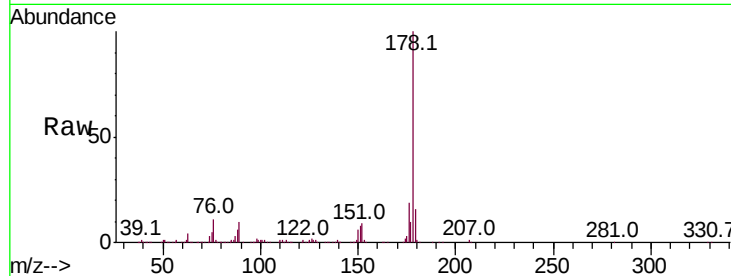
ClientSampleId :

SR-11-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.7	12.1	18.1

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#75

Fluoranthene

Concen: 28.642 ng

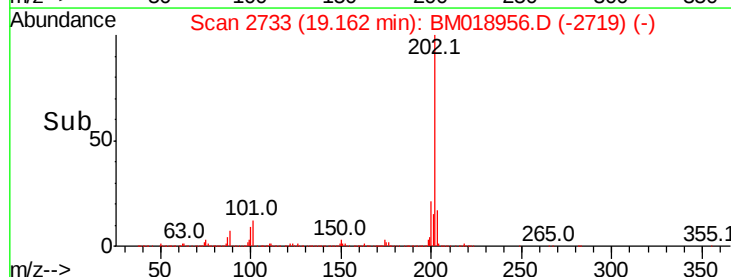
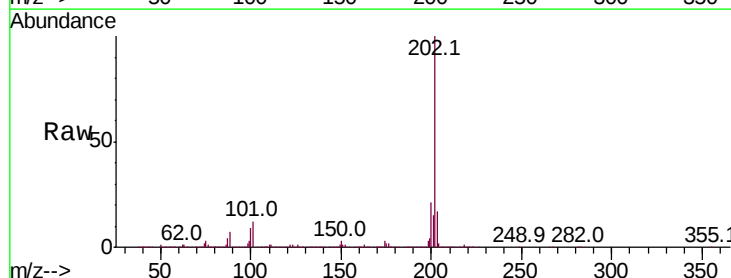
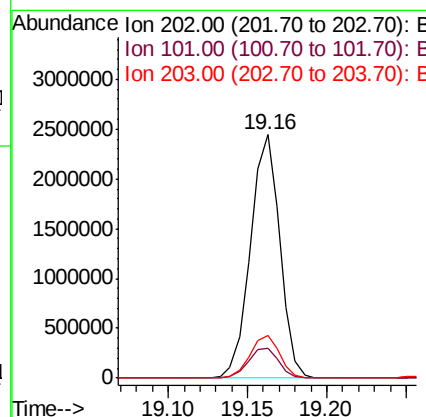
RT: 19.16 min Scan# 2733

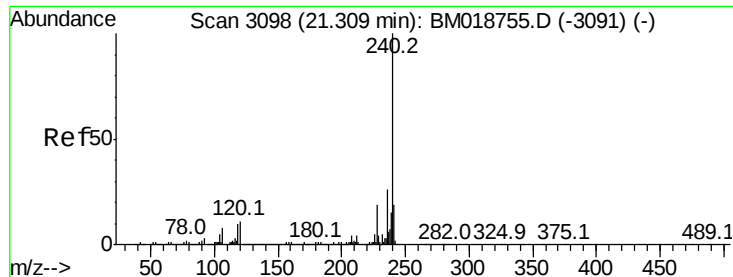
Delta R.T. -0.02 min

Lab File: BM018956.D

Acq: 27 Feb 2019 19:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.5
203	17.4	0.0	37.3





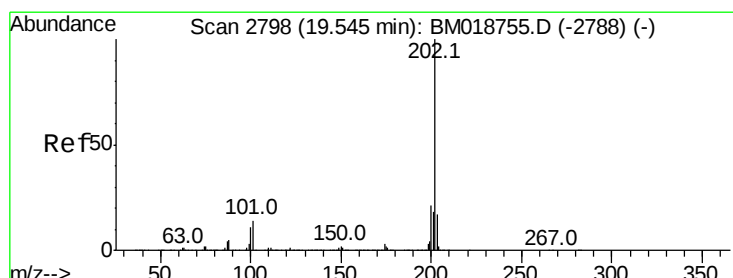
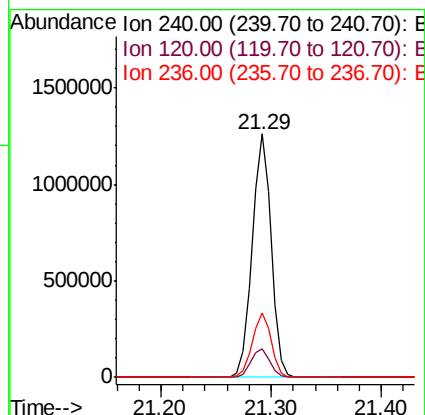
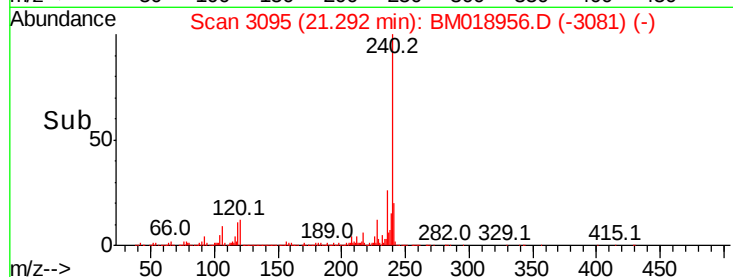
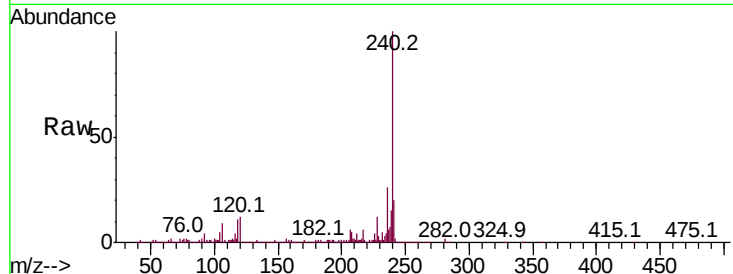
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Instrument :
BNA_M
ClientSampleId :
SR-11-S

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.9	13.3
236	26.3	20.9	31.3

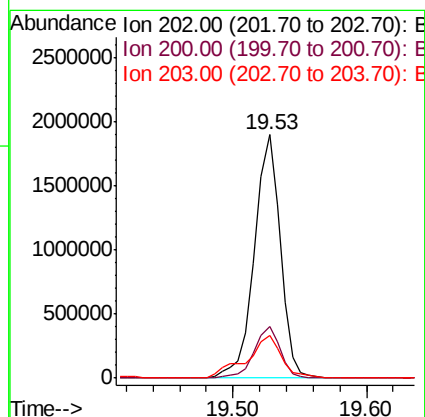
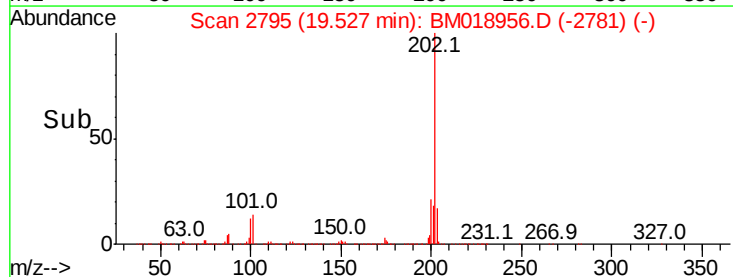
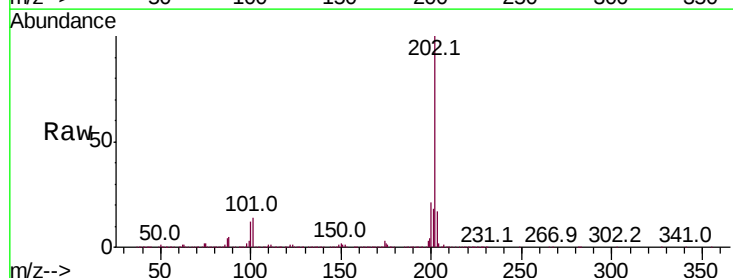
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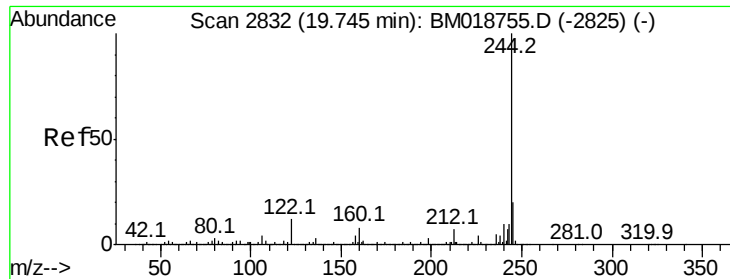
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#78
Pyrene
Concen: 28.618 ng
RT: 19.53 min Scan# 2795
Delta R.T. -0.02 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.5	13.8	20.8





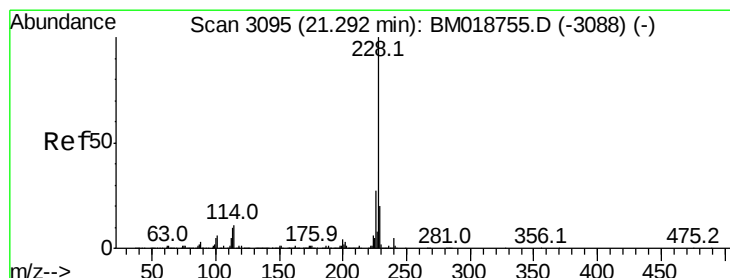
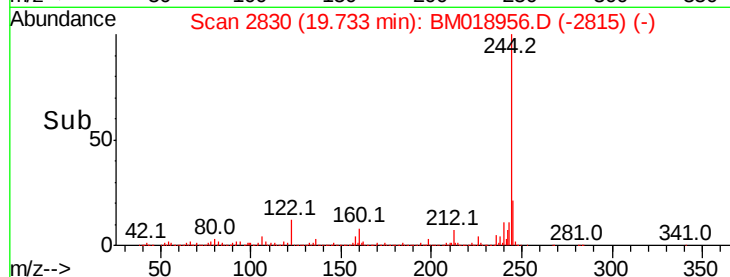
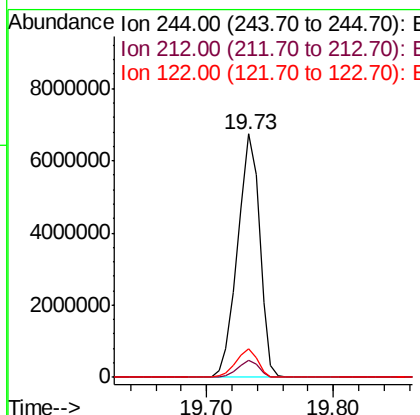
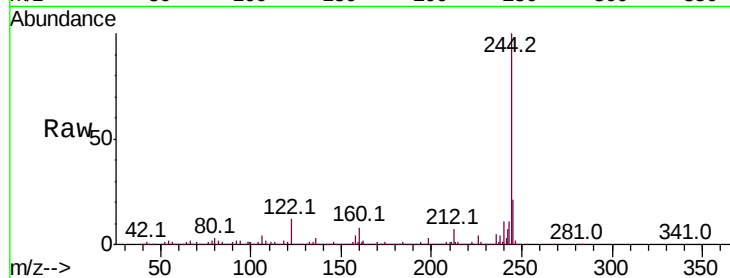
#79
 Terphenyl-d14
 Concen: 109.196 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BM018956.D
 Acq: 27 Feb 2019 19:10

Instrument :
 BNA_M
 ClientSampled :
 SR-11-S

Tot Ion:244 Resp: 8072071
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 12.0 9.3 13.9

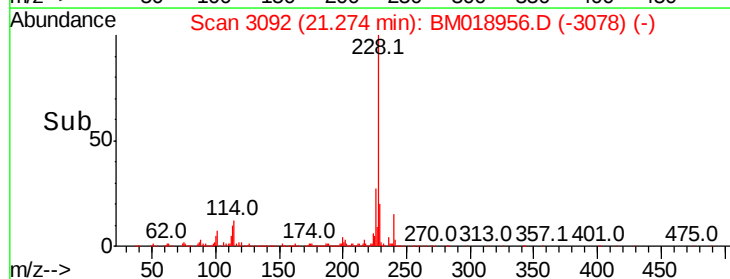
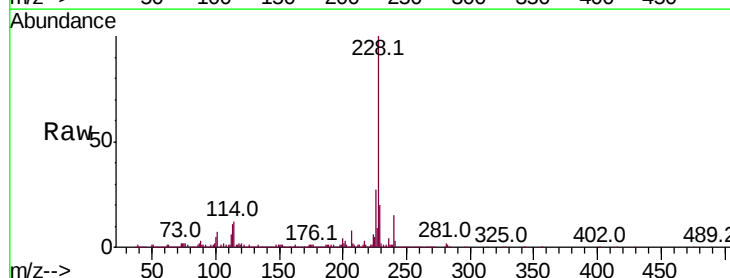
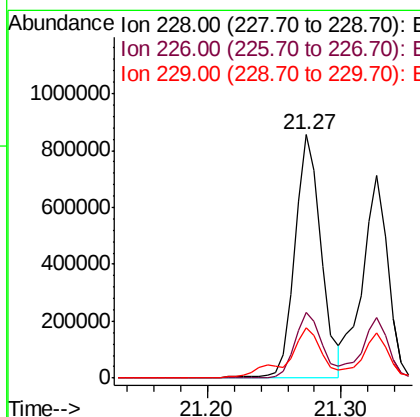
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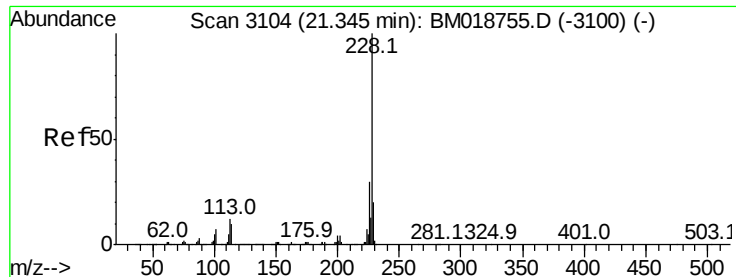
Sohil
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#81
 Benzo(a)anthracene
 Concen: 13.069 ng
 RT: 21.27 min Scan# 3092
 Delta R.T. -0.02 min
 Lab File: BM018956.D
 Acq: 27 Feb 2019 19:10

Tgt Ion:228 Resp: 1161751
 Ion Ratio Lower Upper
 228 100
 226 27.2 21.9 32.9
 229 20.4 15.9 23.9





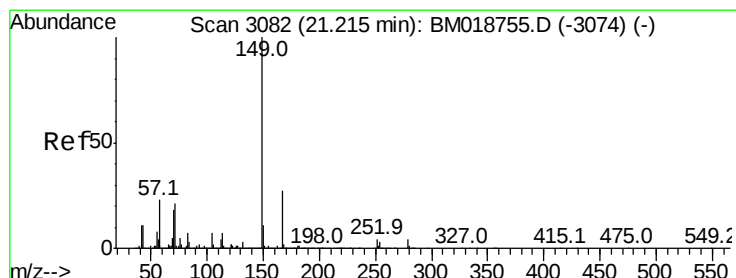
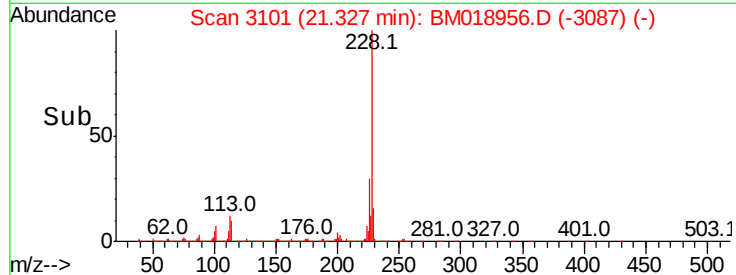
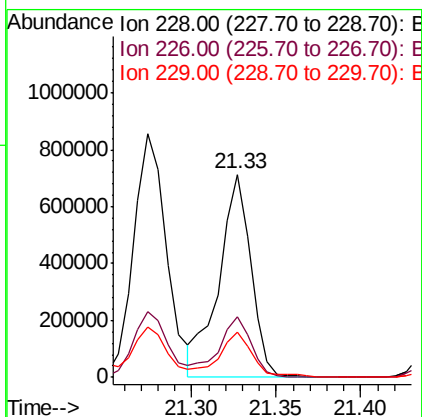
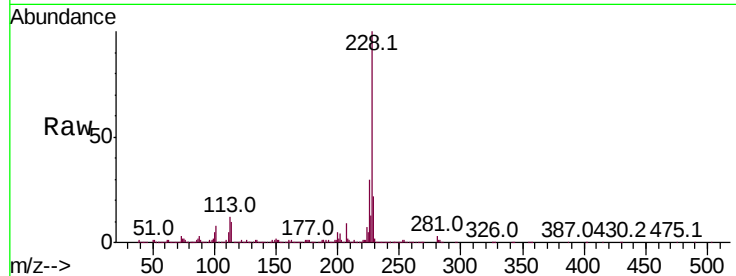
#83
Chrysene
Concen: 10.975 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Instrument :
BNA_M
ClientSampled :
SR-11-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	22.1	16.0	24.0

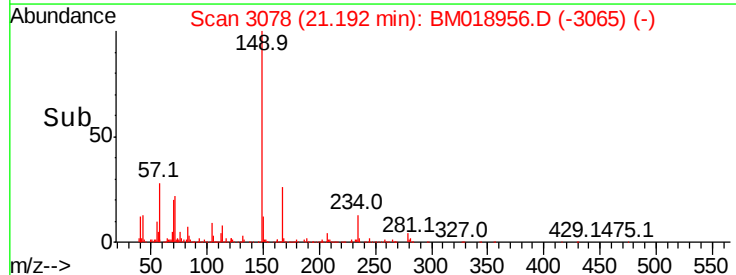
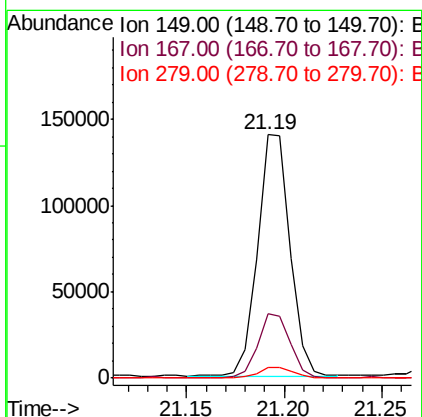
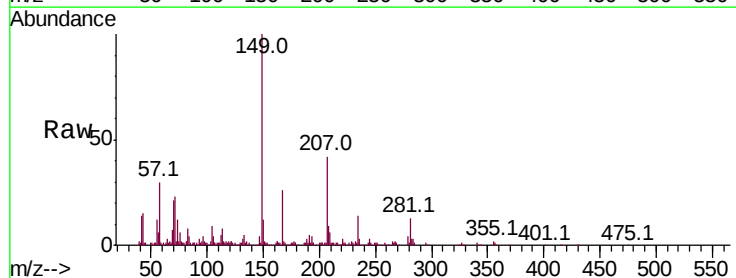
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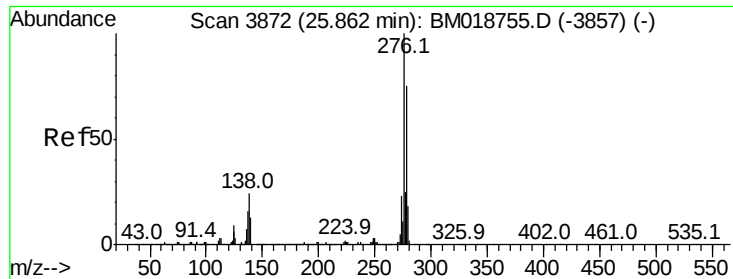
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.716 ng
RT: 21.19 min Scan# 3078
Delta R.T. -0.02 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.8	32.6
279	4.4	3.6	5.4





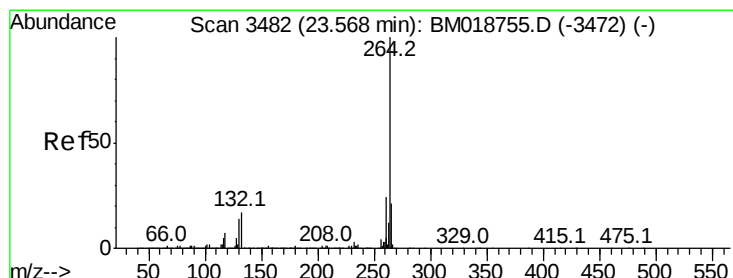
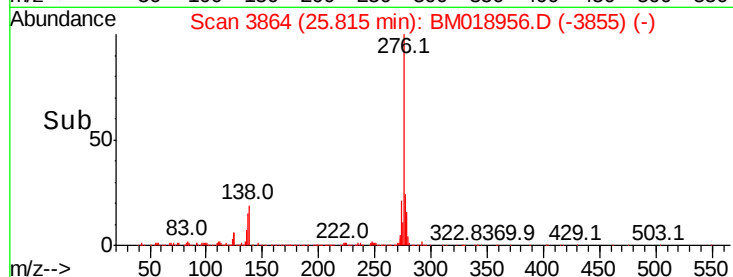
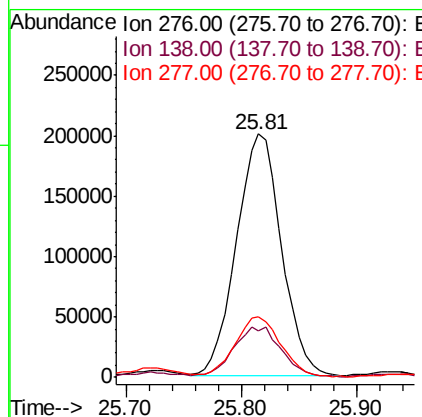
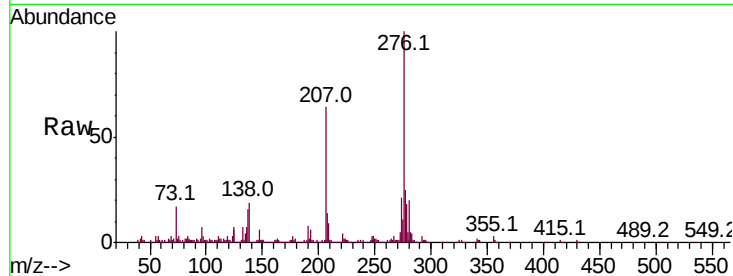
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.467 ng
RT: 25.81 min Scan# 3864
Delta R.T. -0.05 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Instrument :
BNA_M
ClientSampled :
SR-11-S

Tot Ion:	276	Resp:	537809
Ion Ratio	Lower	Upper	
276	100		
138	21.3	20.2	30.4
277	25.1	20.3	30.5

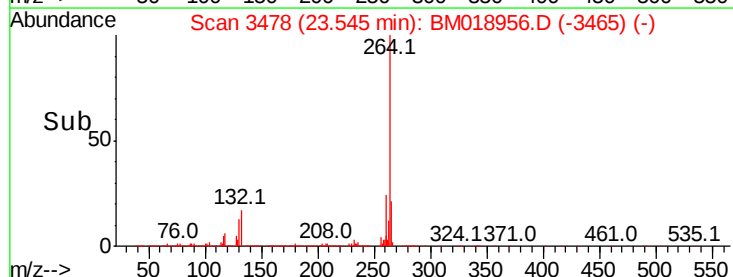
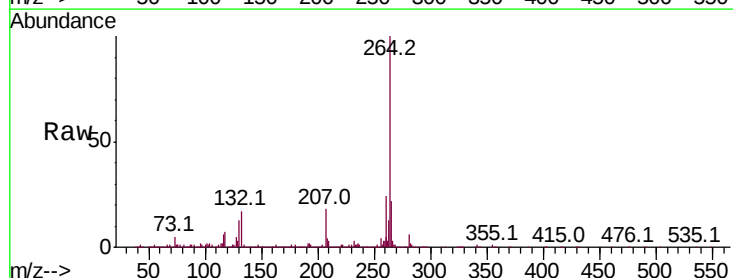
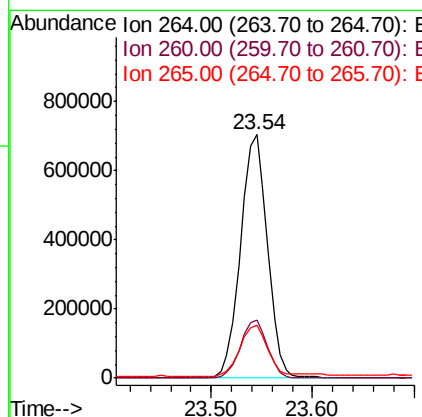
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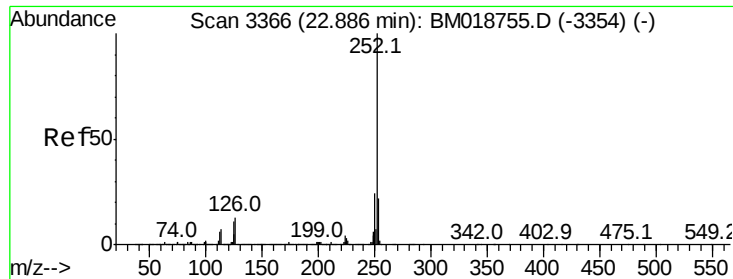
Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.54 min Scan# 3478
Delta R.T. -0.02 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Tgt Ion:	264	Resp:	1297061
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.9	28.3
265	21.6	17.3	25.9





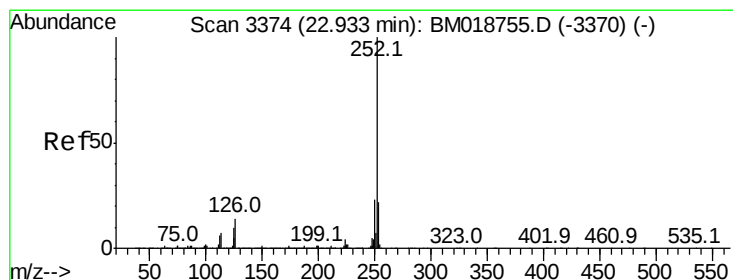
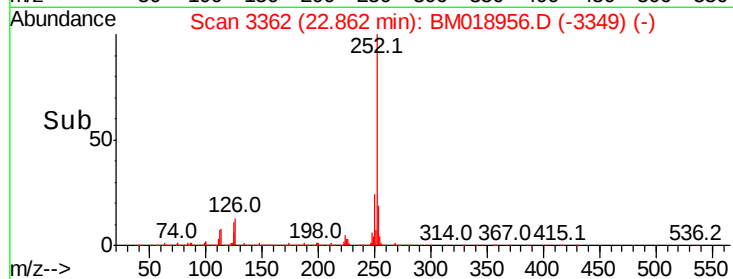
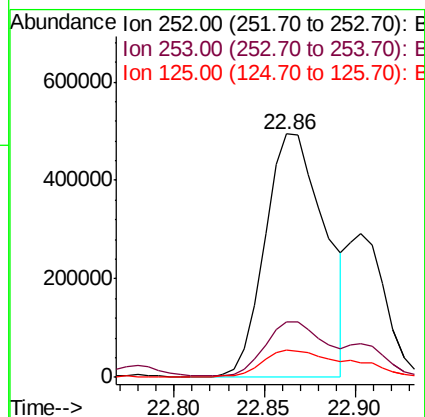
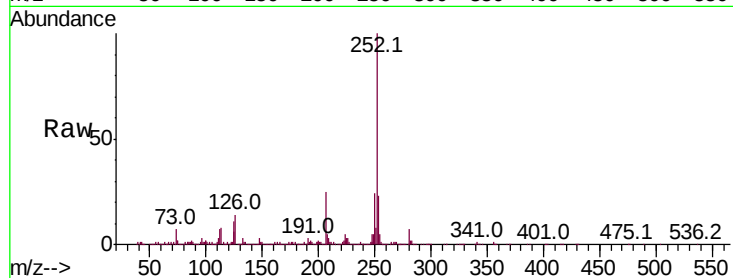
#88
Benzo(b)fluoranthene
Concen: 15.282 ng
RT: 22.86 min Scan# 3362
Delta R.T. -0.02 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Instrument :
BNA_M
ClientSampleId :
SR-11-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	11.0	8.6	12.8

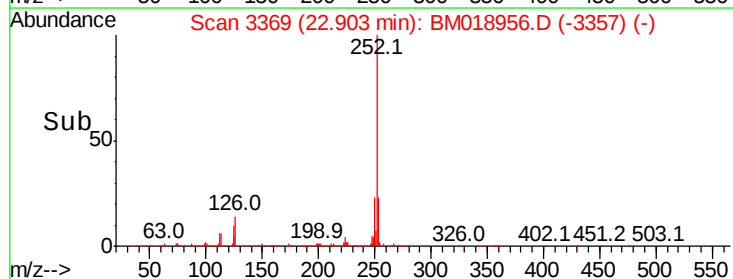
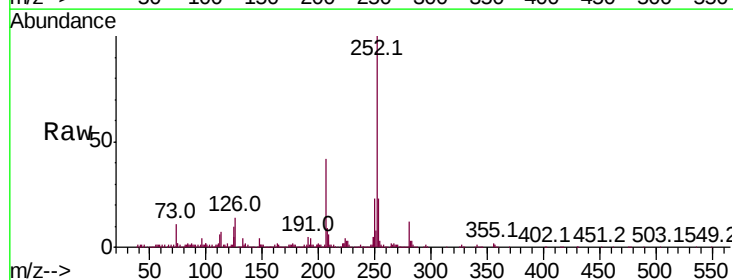
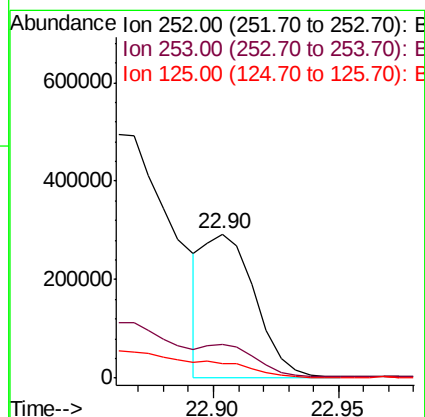
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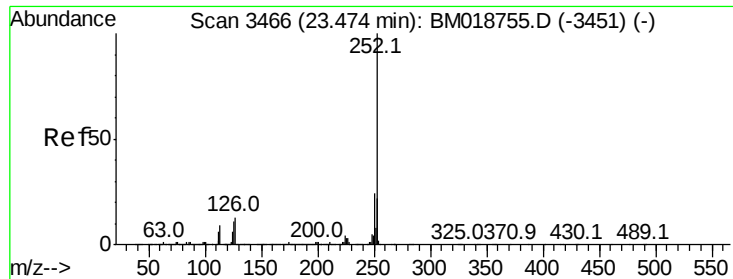
Sohil
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#89
Benzo(k)fluoranthene
Concen: 5.687 ng m
RT: 22.90 min Scan# 3369
Delta R.T. -0.03 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	10.2	8.2	12.4





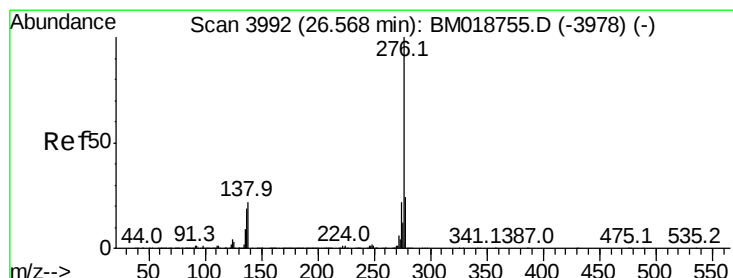
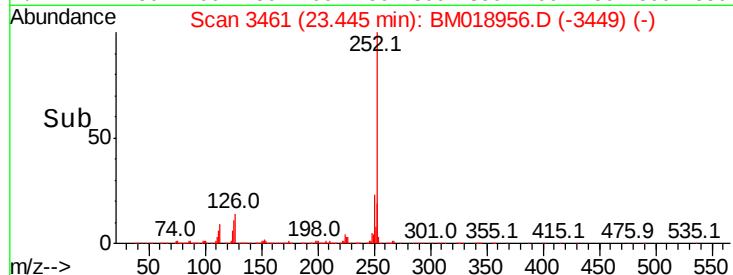
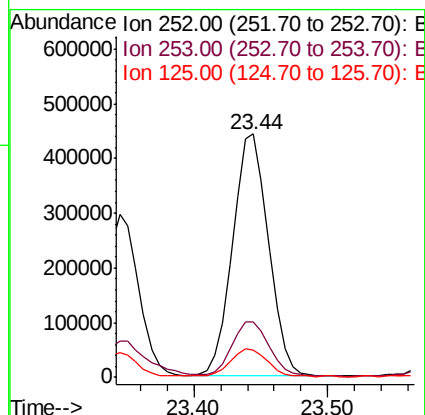
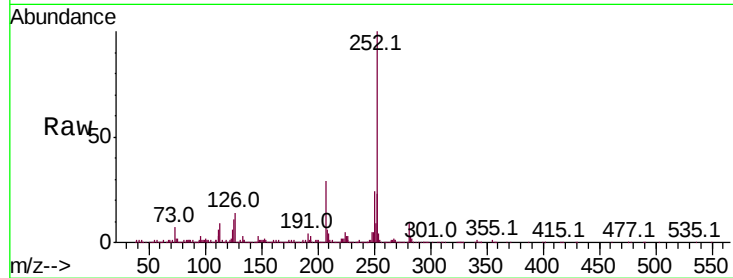
#90
Benzo(a)pyrene
Concen: 11.786 ng
RT: 23.44 min Scan# 3461
Delta R.T. -0.03 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Instrument :
BNA_M
Client Sampled :
SR-11-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	11.4	8.6	13.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 7.812 ng
RT: 26.51 min Scan# 3983
Delta R.T. -0.05 min
Lab File: BM018956.D
Acq: 27 Feb 2019 19:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	21.9	17.3	25.9

