

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018616.D
 Acq On : 17 Jan 2019 16:23
 Operator : JU/SJ
 Sample : K1139-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-4

Quant Time: Jan 18 05:46:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

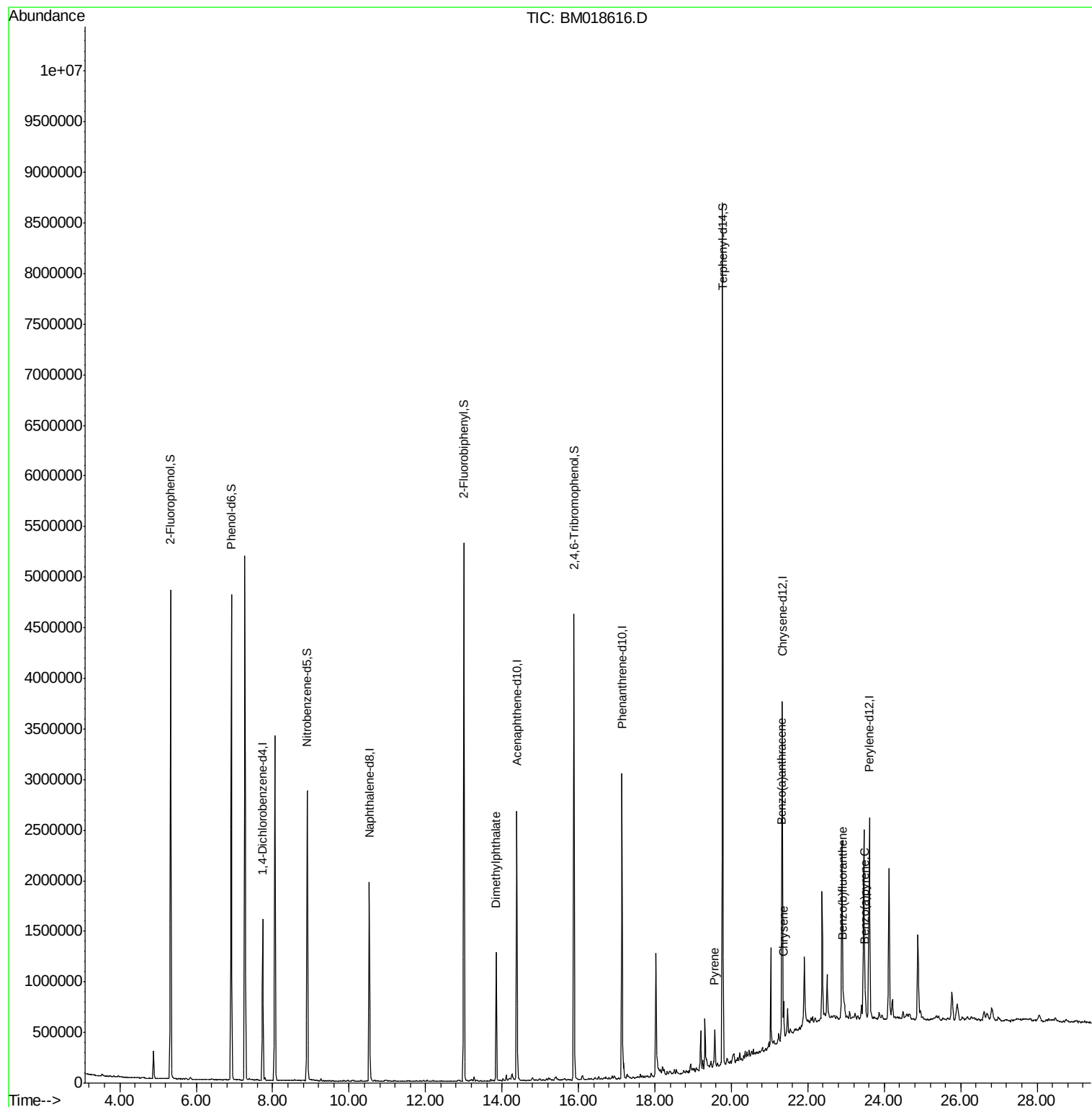
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	421545	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1651098	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	870262	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1708695	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1474450	20.00	ng	-0.02
87) Perylene-d12	23.61	264	1463871	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2032313	89.02	ng	-0.02
7) Phenol-d6	6.92	99	2598026	89.60	ng	-0.02
23) Nitrobenzene-d5	8.91	82	1614185	56.67	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	841284	75.92	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	2703051	40.53	ng	-0.02
79) Terphenyl-d14	19.77	244	3861237	55.20	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	13.85	163	820112	11.475	ng	99
78) Pyrene	19.56	202	226099	2.587	ng	99
81) Benzo(a)anthracene	21.32	228	192327	2.214	ng	98
83) Chrysene	21.37	228	198141	2.362	ng	97
88) Benzo(b)fluoranthene	22.92	252	190262	2.289	ng	94
90) Benzo(a)pyrene	23.50	252	164094	2.062	ng	99

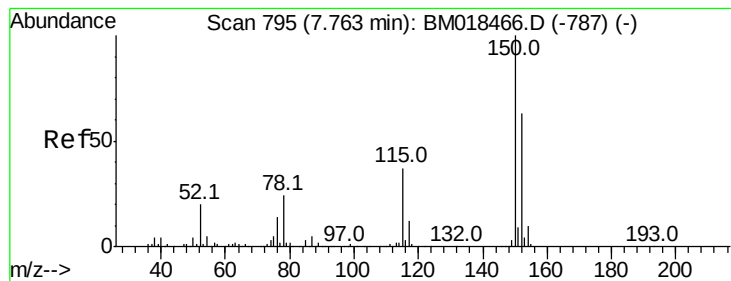
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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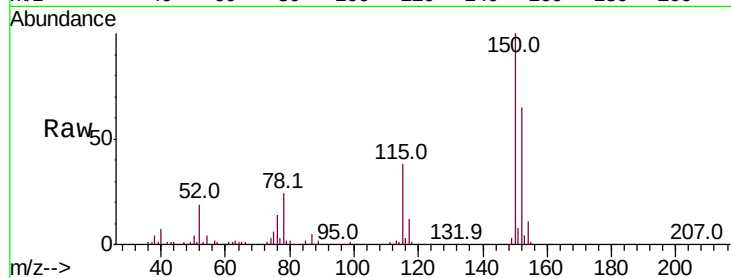


#1

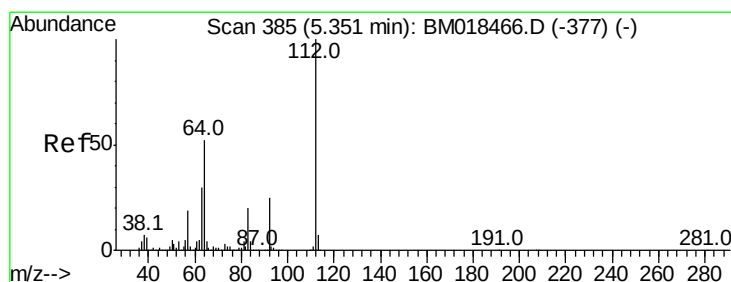
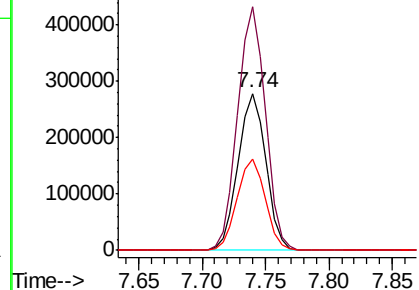
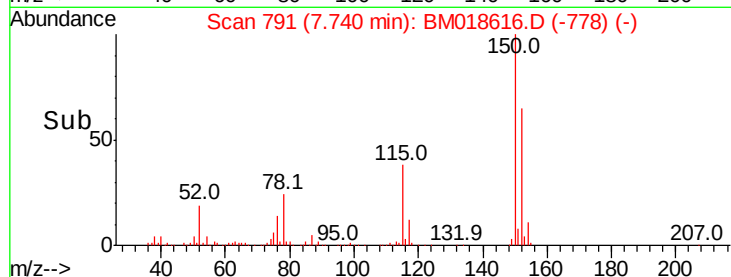
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018616.D
Acq: 17 Jan 2019 16:23

Instrument :
BNA_M
ClientSampled :
S-4

Tot Ion:152 Resp: 421545
Ion Ratio Lower Upper
152 100
150 154.9 126.9 190.3
115 58.3 45.5 68.3



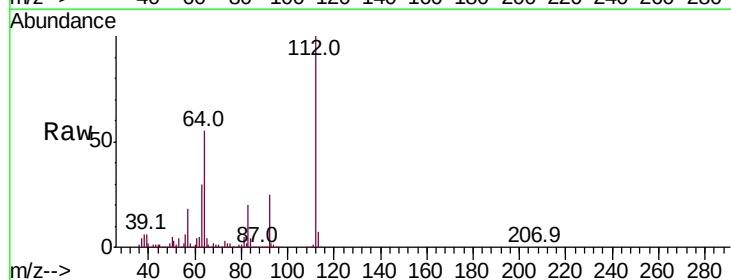
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



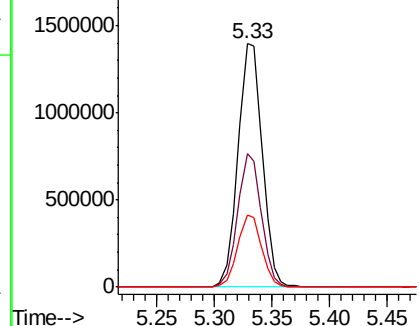
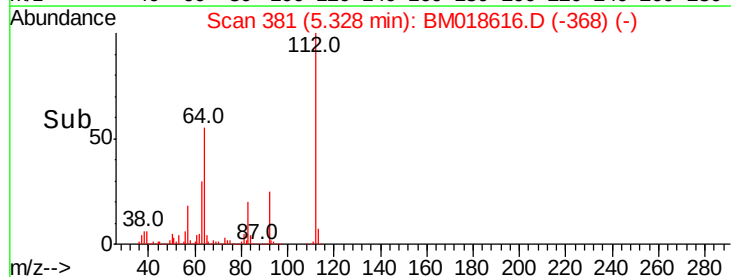
#5

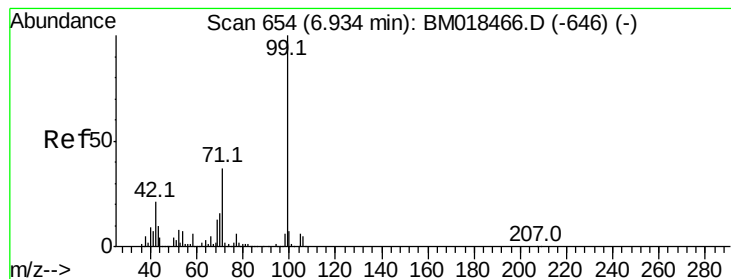
2-Fluorophenol
Concen: 89.021 ng
RT: 5.33 min Scan# 381
Delta R.T. -0.02 min
Lab File: BM018616.D
Acq: 17 Jan 2019 16:23

Tgt Ion:112 Resp: 2032313
Ion Ratio Lower Upper
112 100
64 54.9 46.5 69.7
63 29.7 25.2 37.8



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: 89.599 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018616.D

Acq: 17 Jan 2019 16:23

Instrument :

BNA_M

ClientSampleId :

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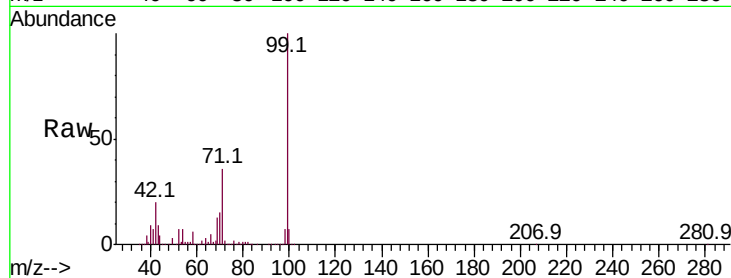
Tot Ion: 99 Resp: 2598026

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

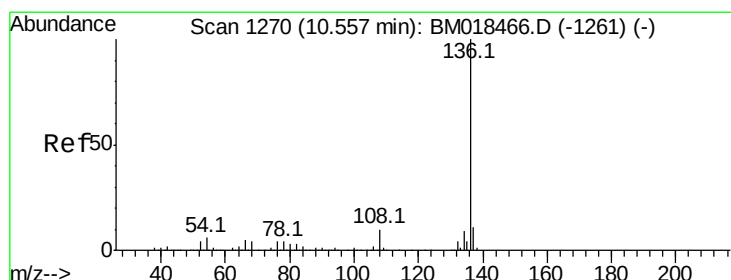
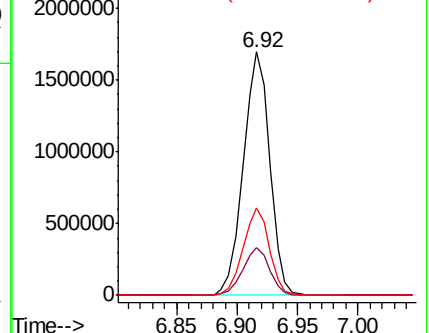
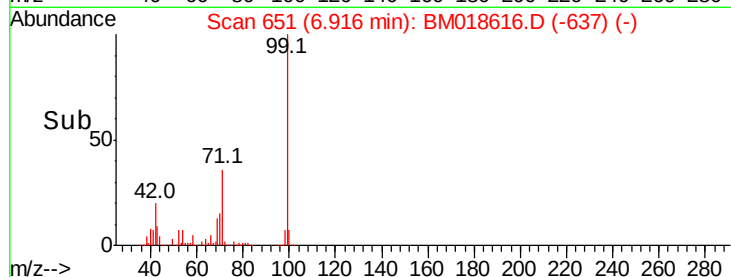
71 35.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018616.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018616.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018616.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM018616.D

Acq: 17 Jan 2019 16:23

Tgt Ion: 136 Resp: 1651098

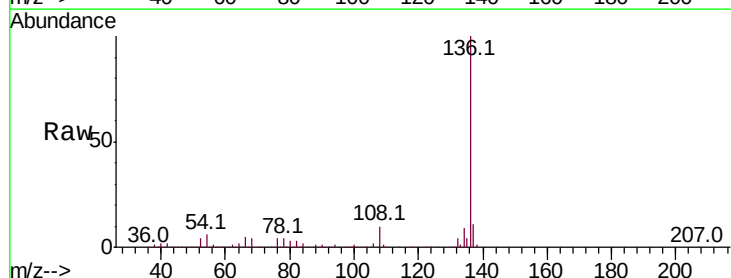
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.5 6.0 9.0

68 4.4 4.5 6.7#

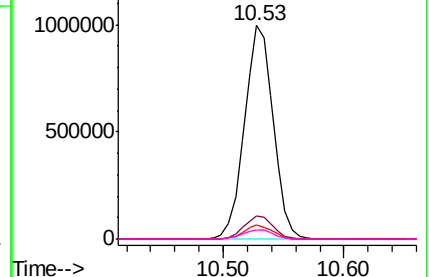
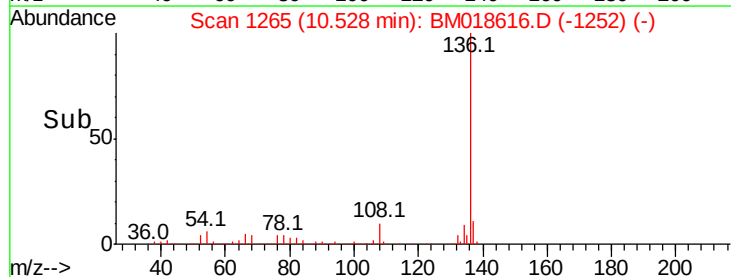


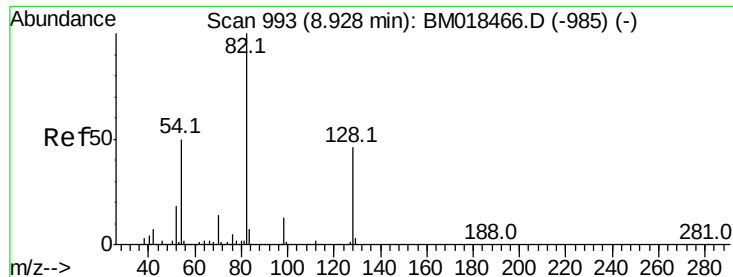
Abundance Ion 136.00 (135.70 to 136.70): BM018616.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018616.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018616.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018616.D (-1252) (-)





#23

Nitrobenzene-d5

Concen: 56.675 ng

RT: 8.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BM018616.D

Acq: 17 Jan 2019 16:23

Instrument :

BNA_M

ClientSampleId :

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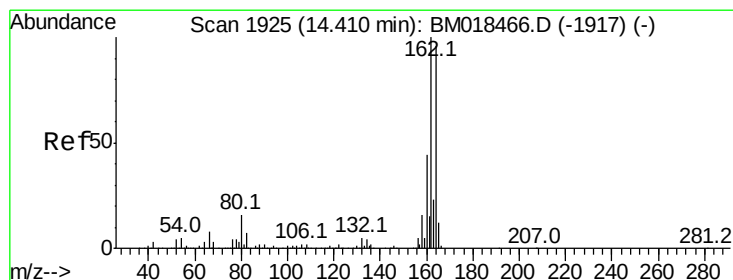
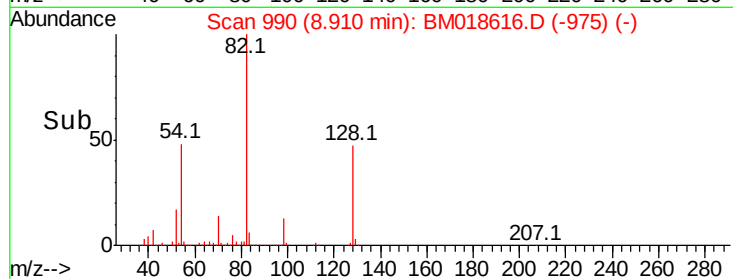
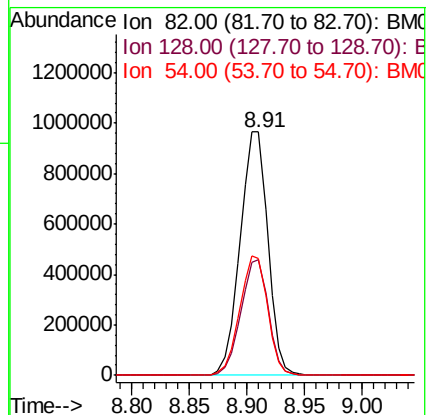
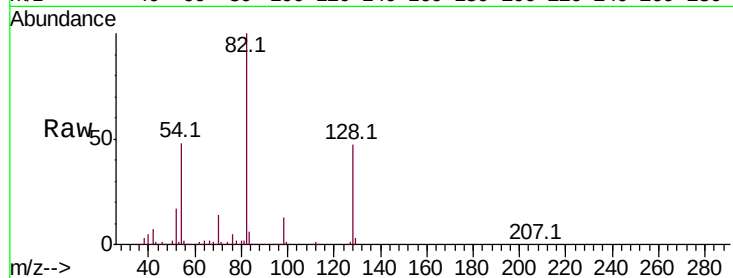
Tot Ion: 82 Resp: 1614185

Ion Ratio Lower Upper

82 100

128 47.4 36.3 54.5

54 48.1 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.39 min Scan# 1921

Delta R.T. -0.02 min

Lab File: BM018616.D

Acq: 17 Jan 2019 16:23

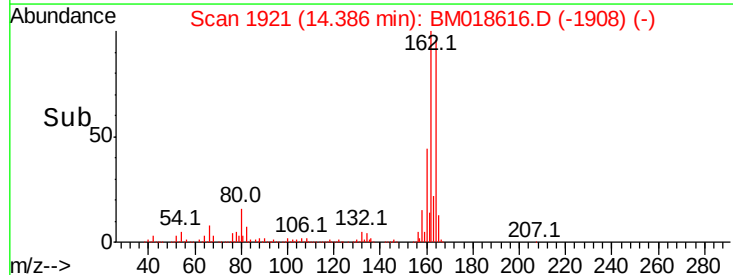
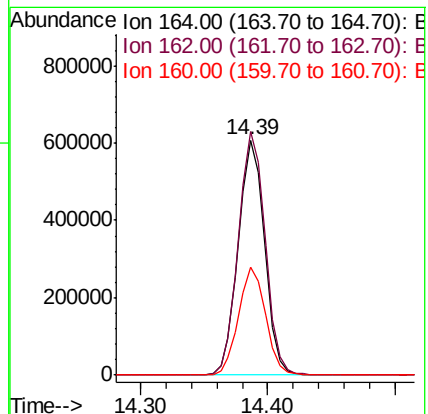
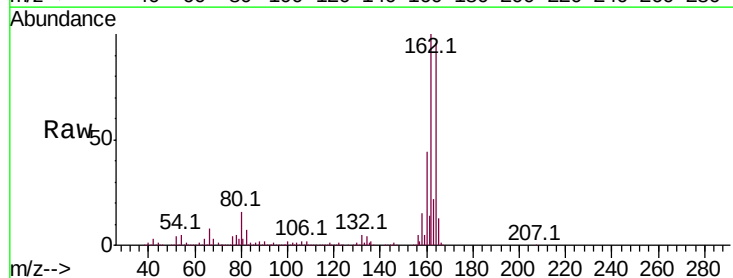
Tgt Ion: 164 Resp: 870262

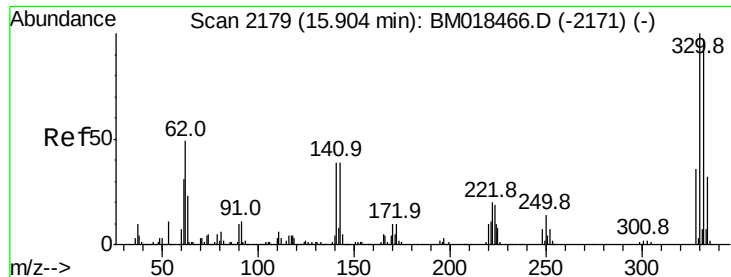
Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.4

160 46.1 37.1 55.7

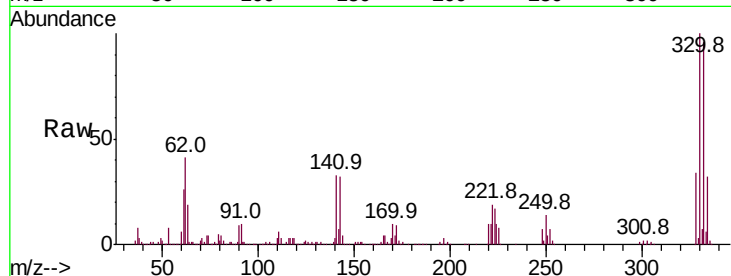




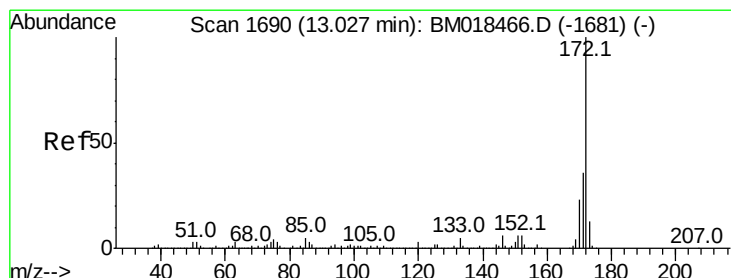
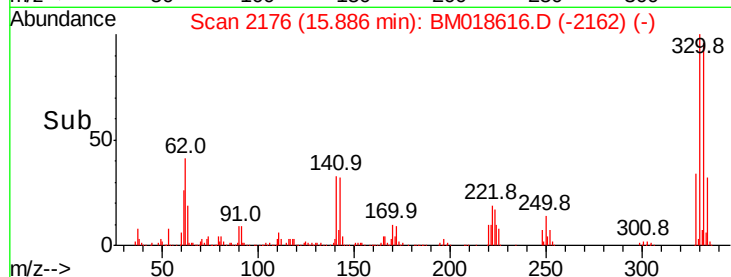
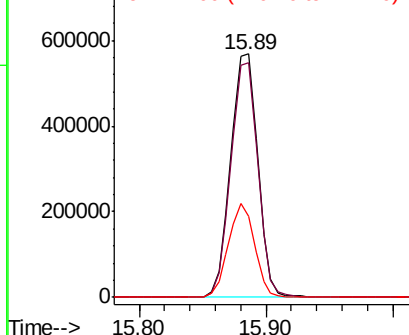
#42
 2,4,6-Tribromophenol
 Concen: 75.922 ng
 RT: 15.89 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: BM018616.D
 Acq: 17 Jan 2019 16:23

Instrument :
 BNA_M
 ClientSampleId :
 S-4

Tot Ion:330 Resp: 841284
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.6 116.4
 141 37.5 31.7 47.5

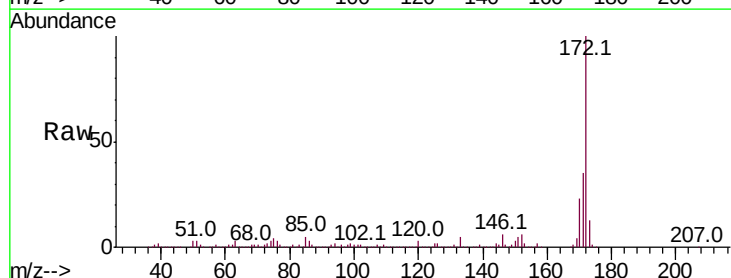


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

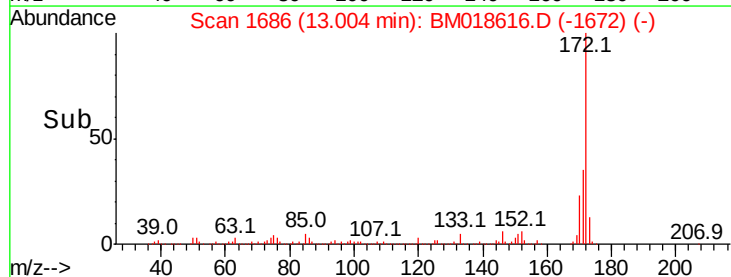
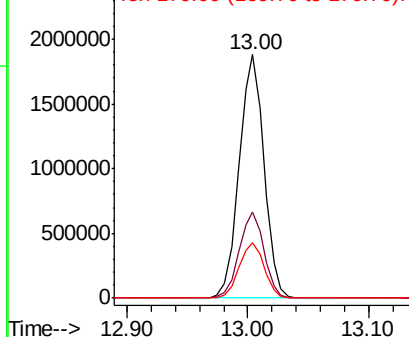


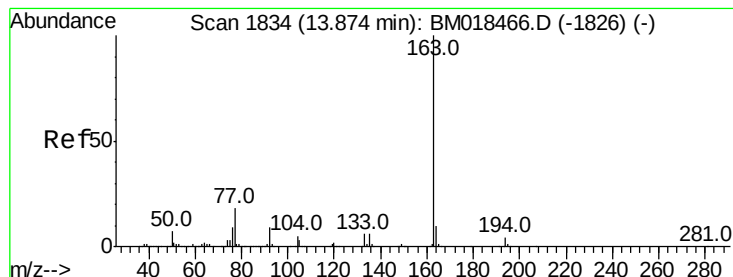
#45
 2-Fluorobiphenyl
 Concen: 40.529 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM018616.D
 Acq: 17 Jan 2019 16:23

Tgt Ion:172 Resp: 2703051
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.4
 170 23.0 18.9 28.3



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: 11.475 ng

RT: 13.85 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BM018616.D

Acq: 17 Jan 2019 16:23

Instrument :

BNA_M

ClientSampleId :

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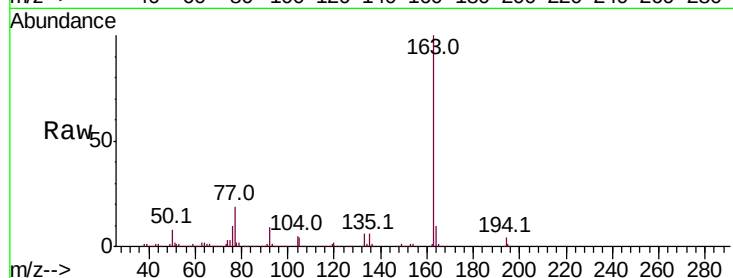
Tot Ion:163 Resp: 820112

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

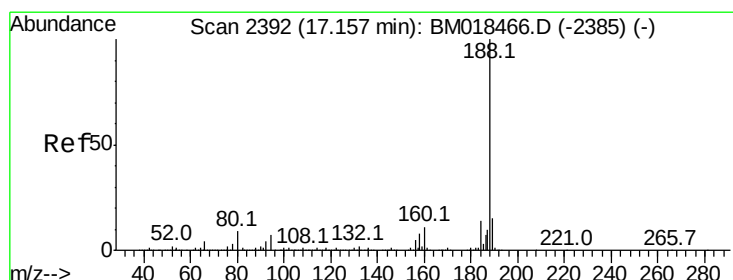
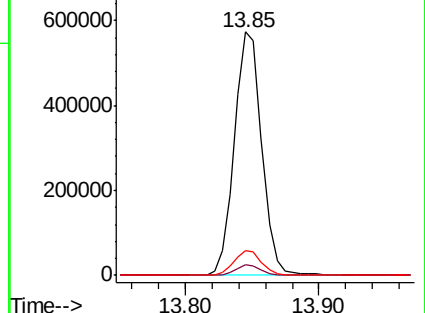
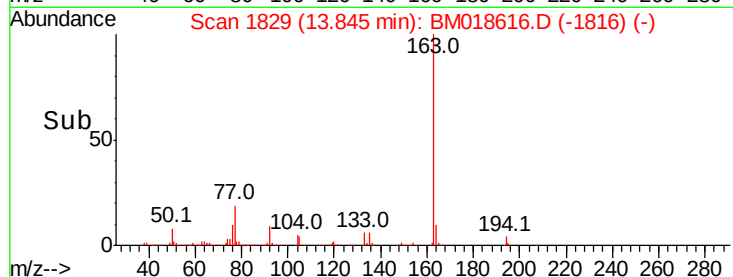
164 10.4 7.8 11.8



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: 17.14 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BM018616.D

Acq: 17 Jan 2019 16:23

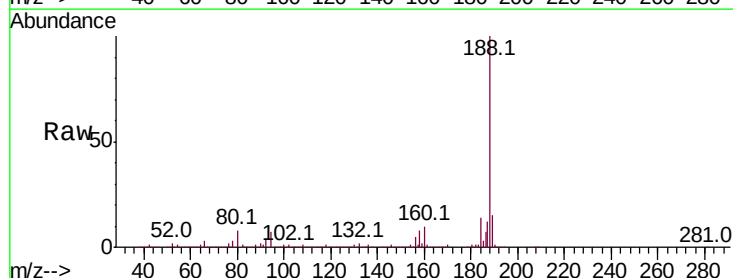
Tgt Ion:188 Resp: 1708695

Ion Ratio Lower Upper

188 100

94 7.2 7.1 10.7

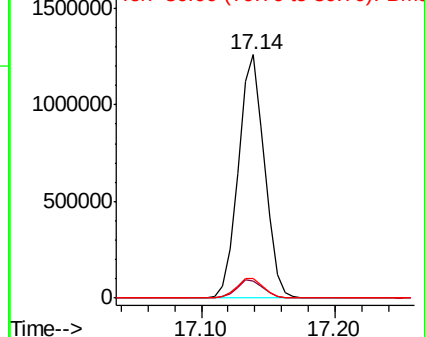
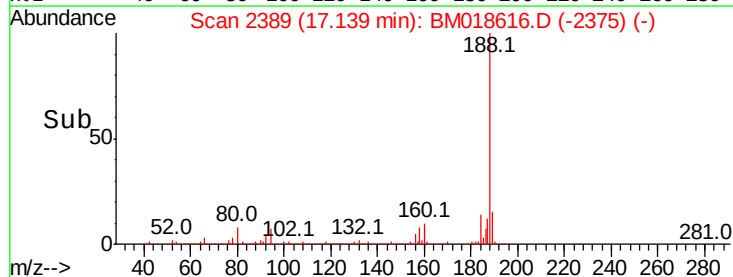
80 8.0 7.6 11.4

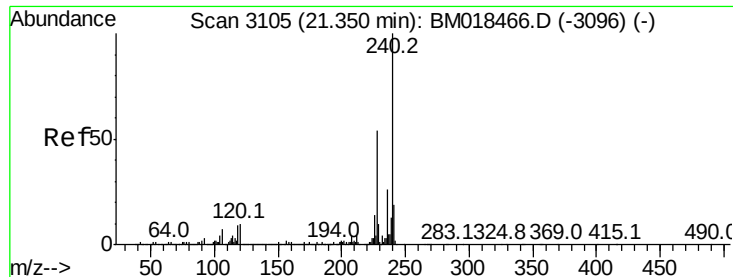


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BM018616.D

Acq: 17 Jan 2019 16:23

Instrument :

BNA_M

ClientSampleId :

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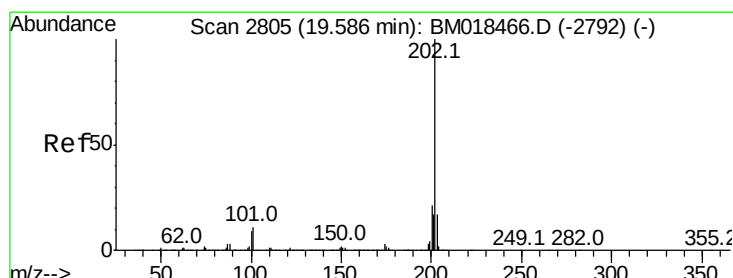
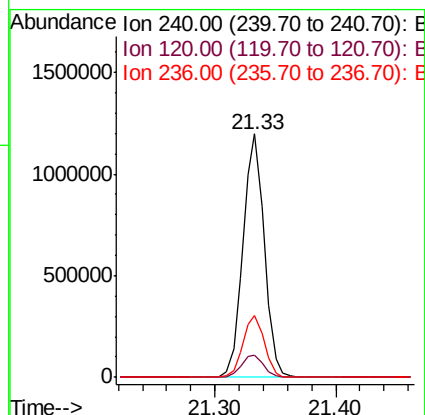
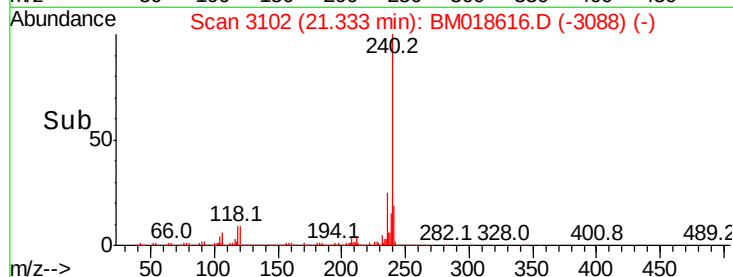
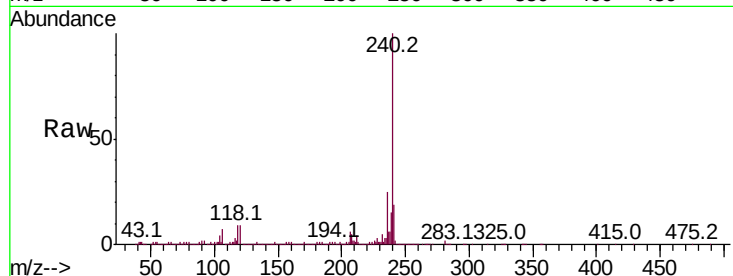
Tot Ion:240 Resp: 1474450

Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

236 25.3 20.7 31.1



#78

Pyrene

Concen: 2.587 ng

RT: 19.56 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BM018616.D

Acq: 17 Jan 2019 16:23

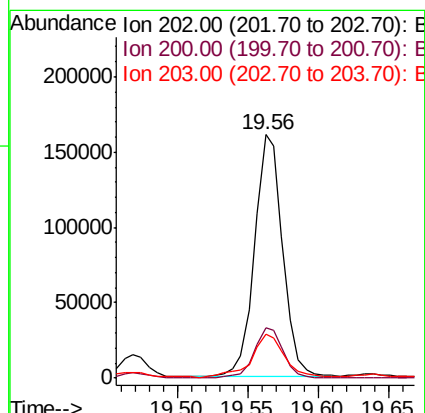
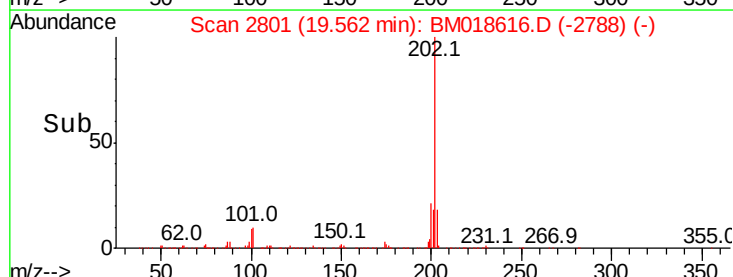
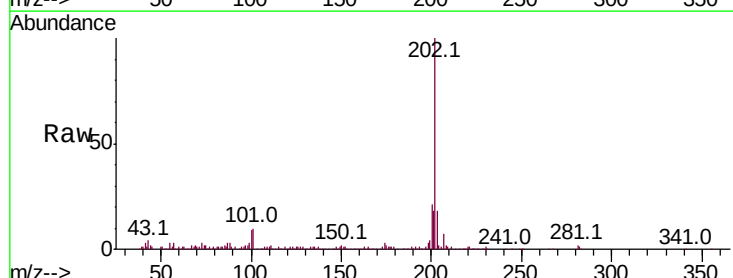
Tgt Ion:202 Resp: 226099

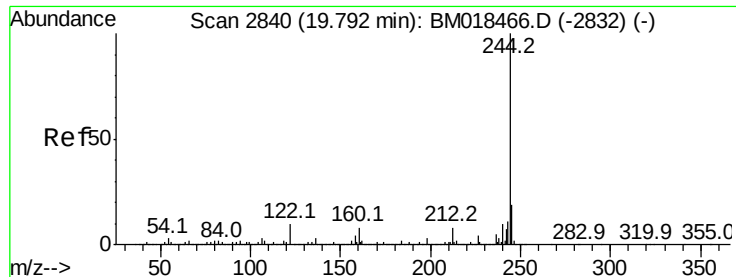
Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

203 18.2 13.8 20.8





#79

Terphenyl-d14

Concen: 55.204 ng

RT: 19.77 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM018616.D

Acq: 17 Jan 2019 16:23

Instrument :

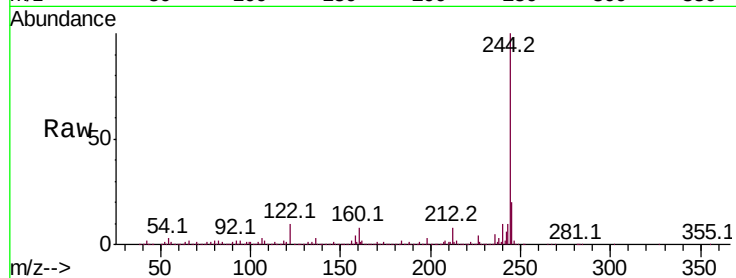
BNA_M

ClientSampleId :

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Tot Ion:244 Resp: 3861237

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.2	9.0	13.4

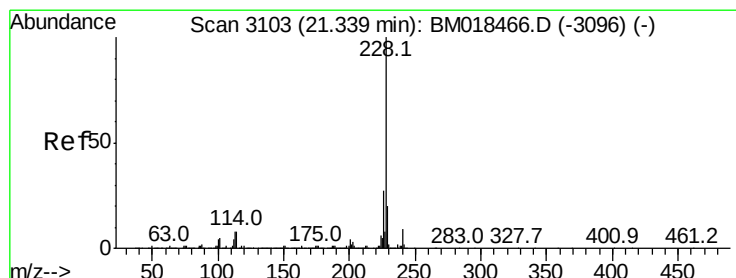
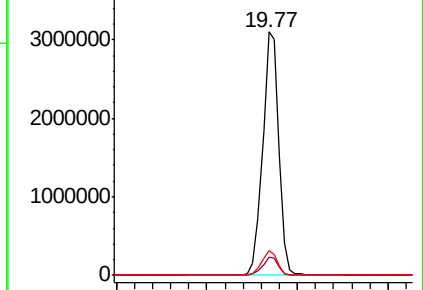
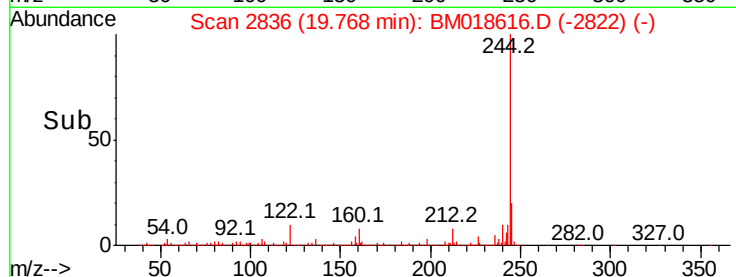


Abundance

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: 2.214 ng

RT: 21.32 min Scan# 3099

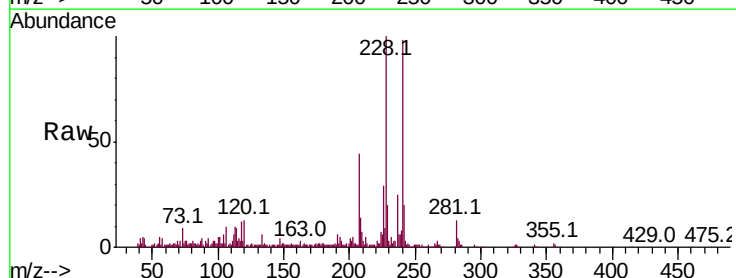
Delta R.T. -0.02 min

Lab File: BM018616.D

Acq: 17 Jan 2019 16:23

Tgt Ion:228 Resp: 192327

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.8	32.6
229	20.4	15.8	23.8

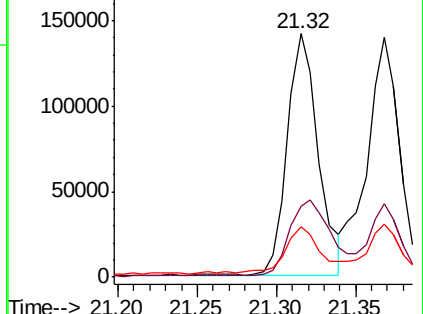
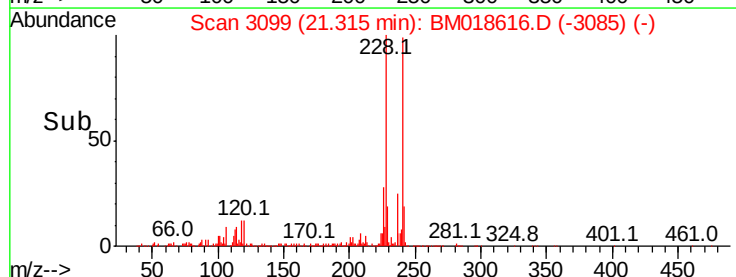


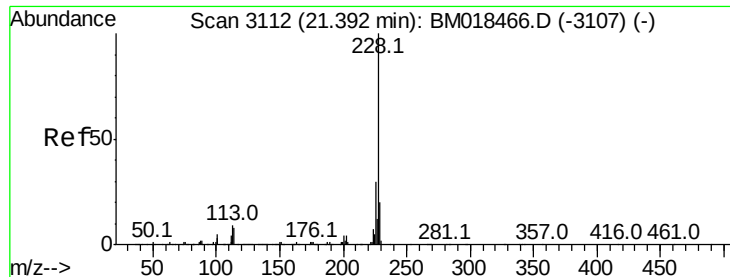
Abundance

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: 2.362 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM018616.D

Acq: 17 Jan 2019 16:23

Instrument :

BNA_M

ClientSampleId :

S-4

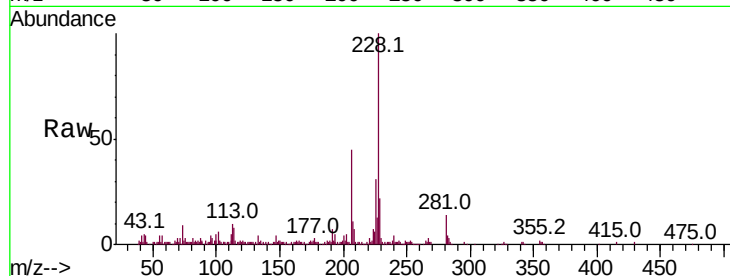
Tot Ion:228 Resp: 198141

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.2

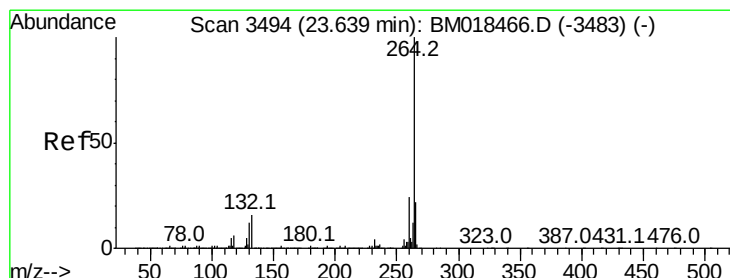
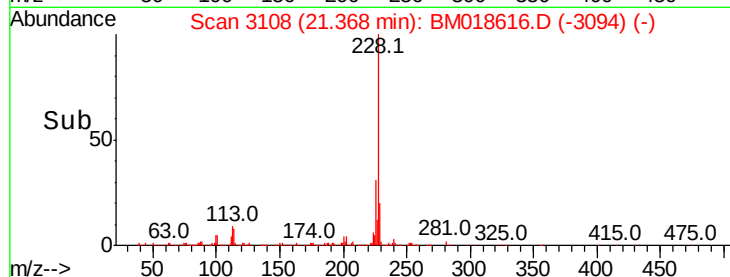
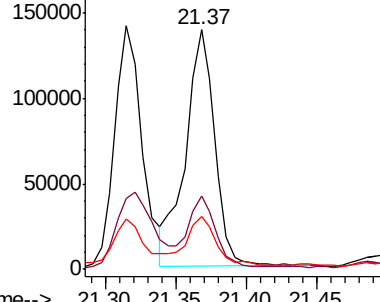
229 22.2 15.6 23.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.61 min Scan# 3489

Delta R.T. -0.02 min

Lab File: BM018616.D

Acq: 17 Jan 2019 16:23

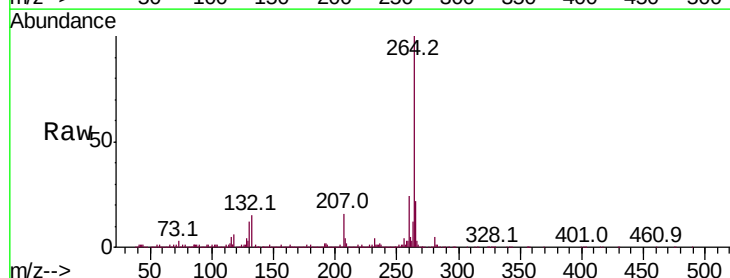
Tgt Ion:264 Resp: 1463871

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

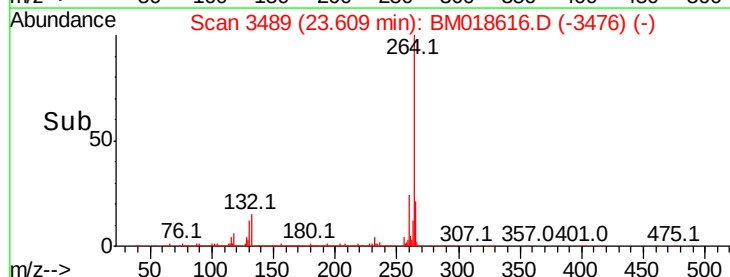
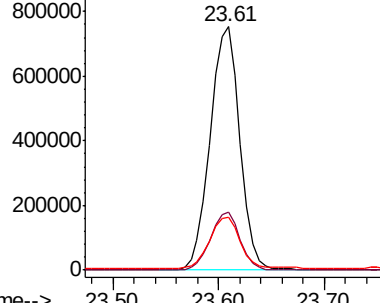
265 21.7 16.8 25.2

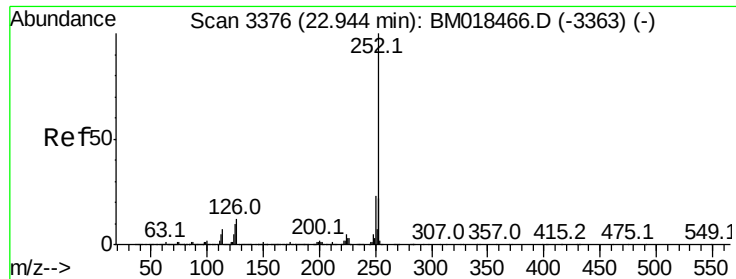


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.289 ng

RT: 22.92 min Scan# 3372

Delta R.T. -0.02 min

Lab File: BM018616.D

Acq: 17 Jan 2019 16:23

Instrument :

BNA_M

ClientSampleId :

S-4

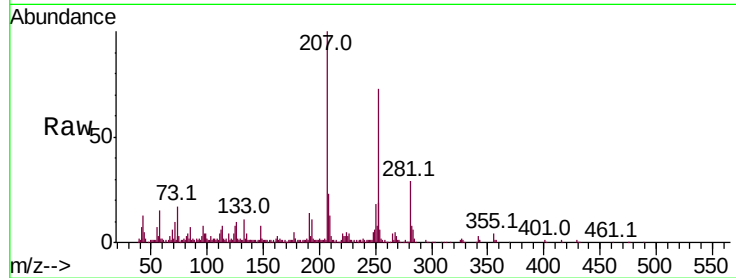
Tot Ion:252 Resp: 190262

Ion Ratio Lower Upper

252 100

253 25.5 17.6 26.4

125 11.2 8.5 12.7

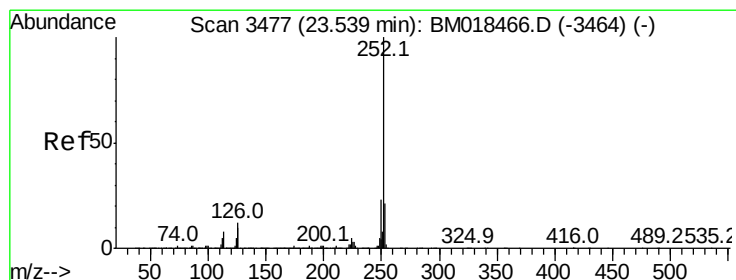
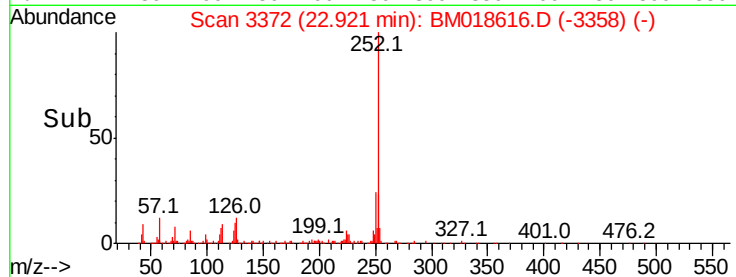
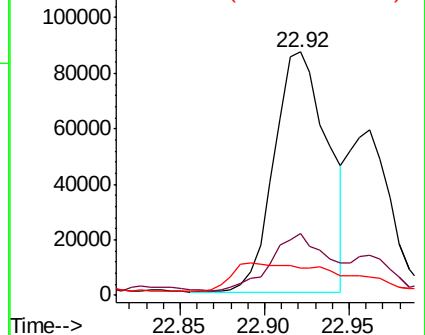


Abundance

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



#90

Benzo(a)pyrene

Concen: 2.062 ng

RT: 23.50 min Scan# 3471

Delta R.T. -0.03 min

Lab File: BM018616.D

Acq: 17 Jan 2019 16:23

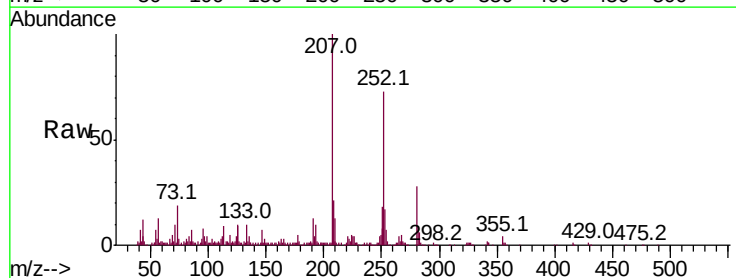
Tgt Ion:252 Resp: 164094

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 12.0 9.7 14.5



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

