

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030819\
 Data File : BM019071.D
 Acq On : 08 Mar 2019 13:43
 Operator : JU/SJ
 Sample : K1807-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 08 23:45:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

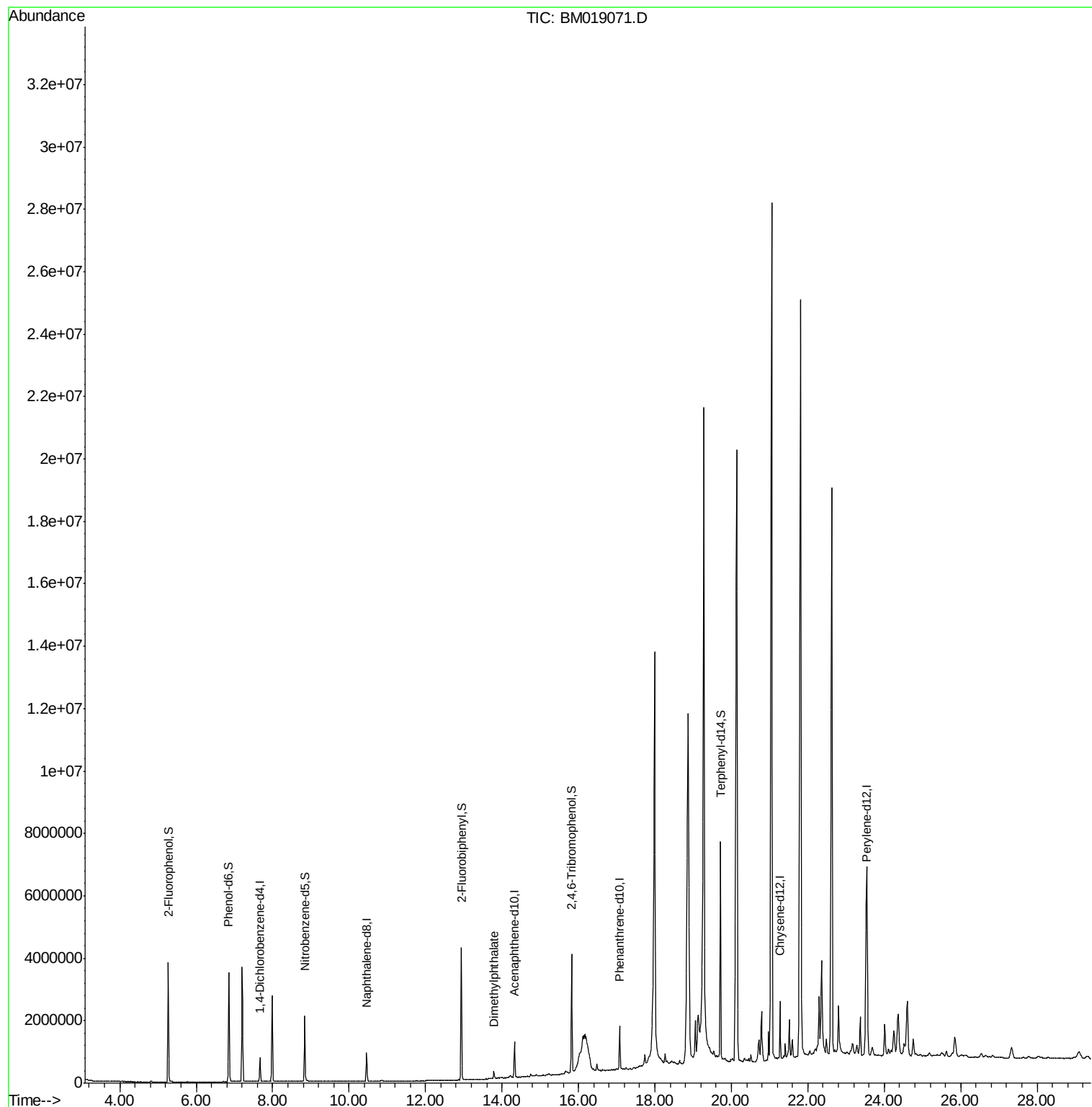
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	197907	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	737674	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	387396	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	793585	20.00	ng	0.00
76) Chrysene-d12	21.27	240	786309	20.00	ng	-0.01
87) Perylene-d12	23.52	264	930117	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1519821	125.83	ng	0.00
7) Phenol-d6	6.85	99	2039250	119.84	ng	0.00
23) Nitrobenzene-d5	8.84	82	1293125	81.06	ng	-0.01
42) 2,4,6-Tribromophenol	15.83	330	708963	126.96	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	2167867	74.29	ng	-0.01
79) Terphenyl-d14	19.72	244	2791817	73.24	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.85	77	6536	Below Cal	Qvalue #	7
50) Dimethylphthalate	13.79	163	138430	4.288 ng		96

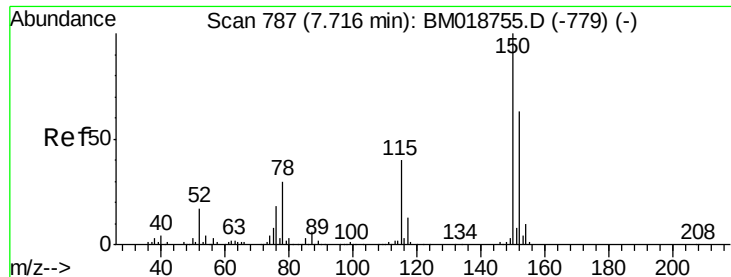
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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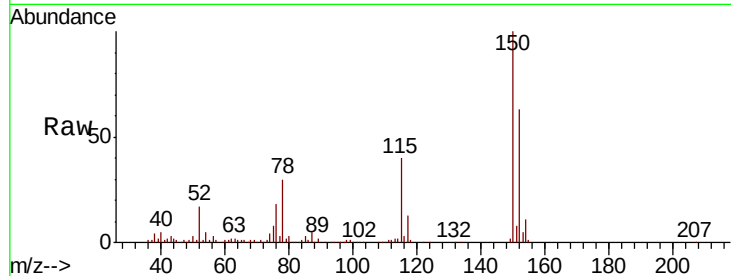


#1

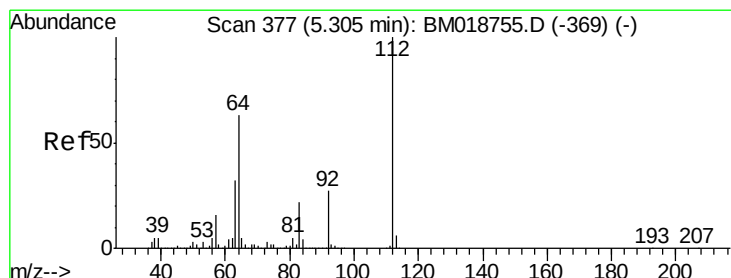
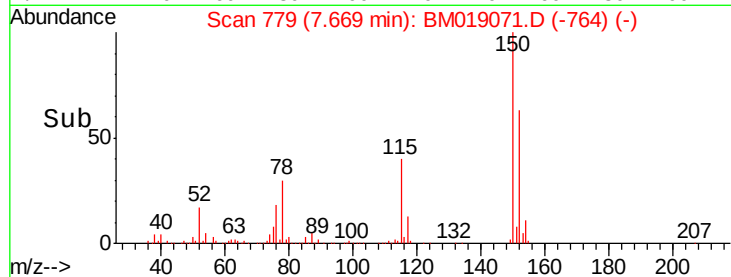
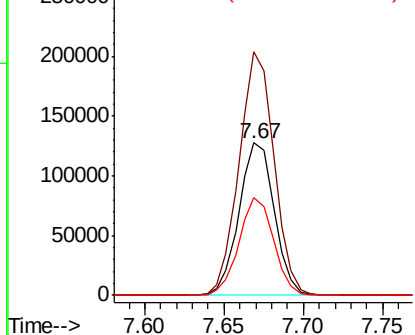
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM019071.D
Acq: 08 Mar 2019 13:43

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 197907
Ion Ratio Lower Upper
152 100
150 159.6 127.3 190.9
115 64.3 50.8 76.2



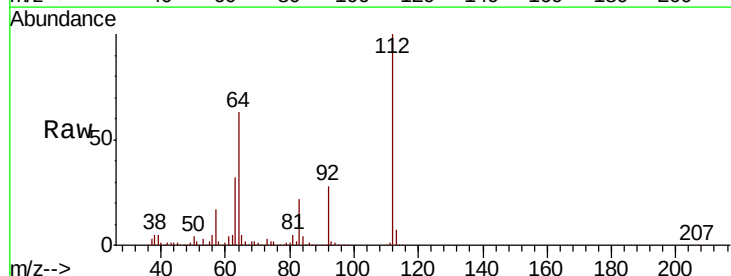
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



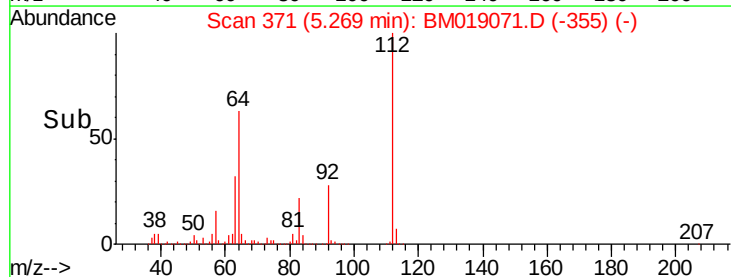
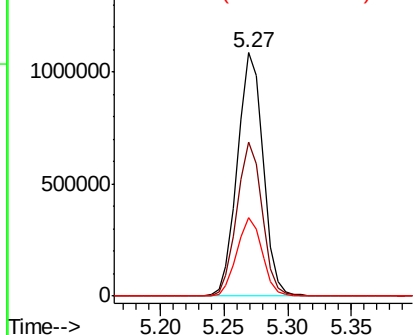
#5

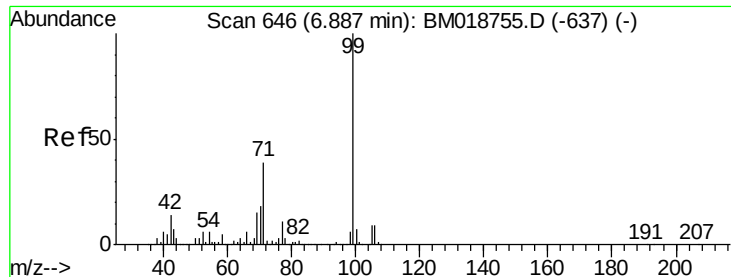
2-Fluorophenol
Concen: 125.826 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM019071.D
Acq: 08 Mar 2019 13:43

Tgt Ion:112 Resp: 1519821
Ion Ratio Lower Upper
112 100
64 63.1 50.6 75.8
63 32.1 25.7 38.5



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: 119.843 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019071.D

Acq: 08 Mar 2019 13:43

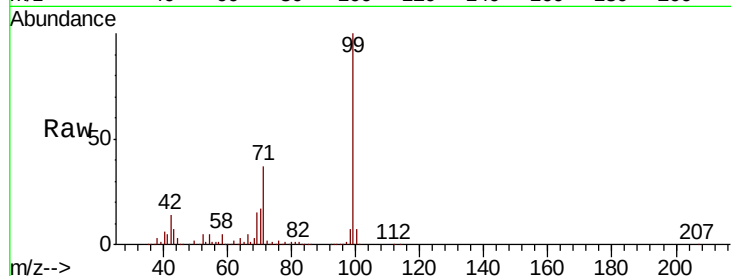
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2039250

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.0	16.6
71	37.2	31.3	46.9

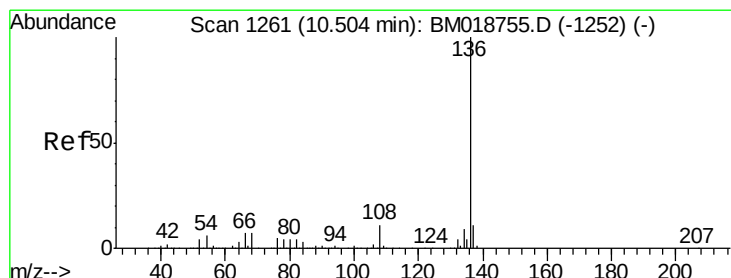
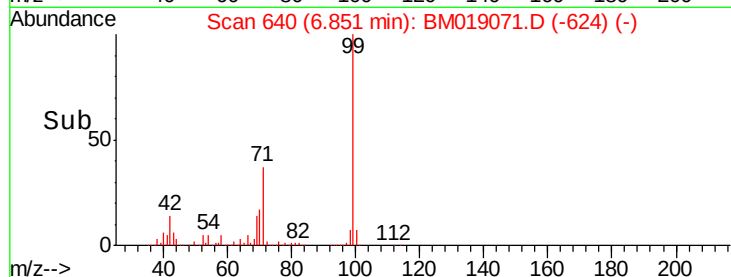
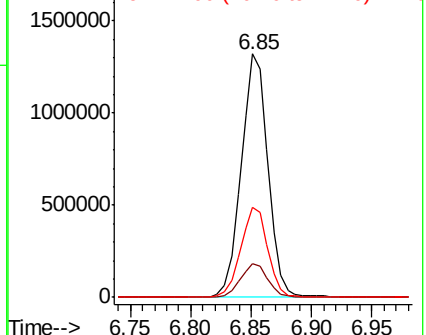


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BM019071.D

Acq: 08 Mar 2019 13:43

Tgt Ion: 136 Resp: 737674

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.0	7.6
68	8.0	5.5	8.3

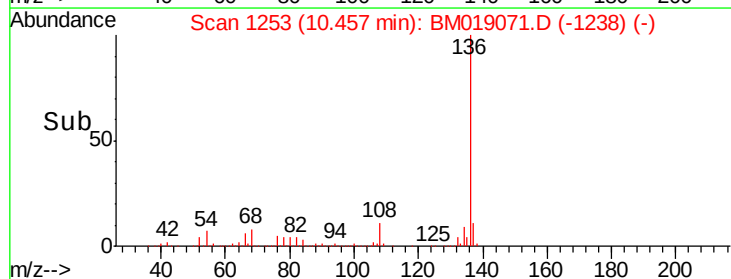
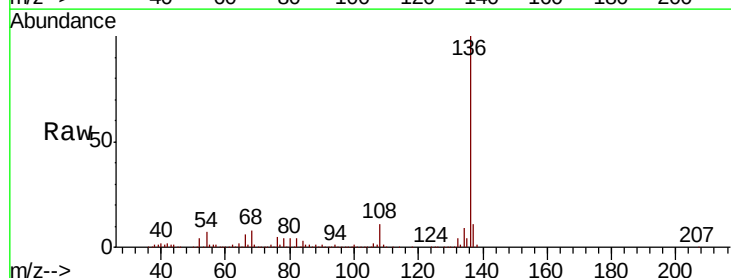
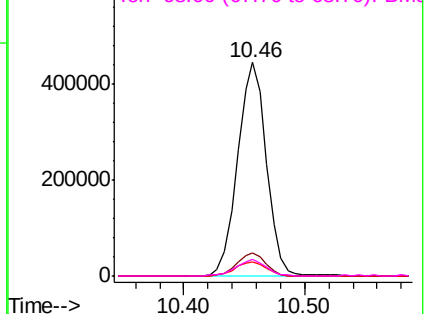
Abundance

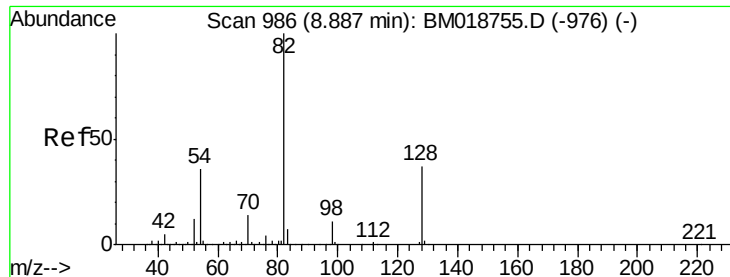
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

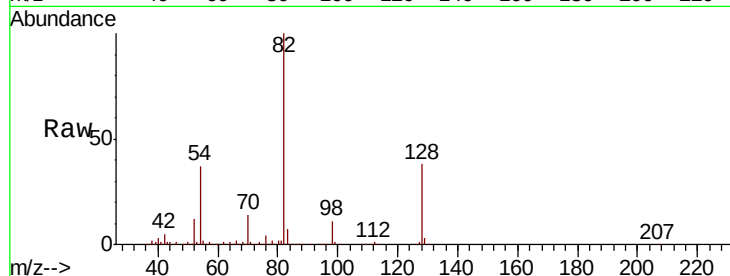




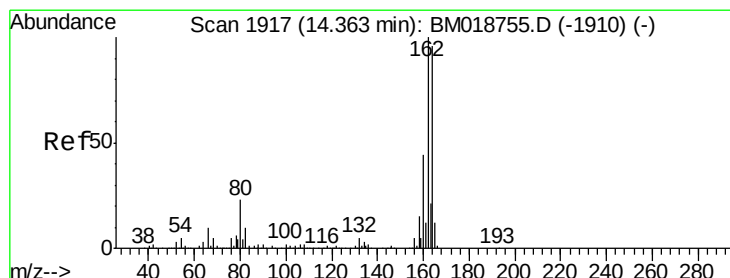
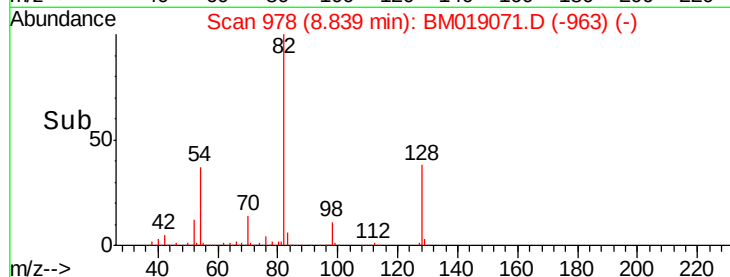
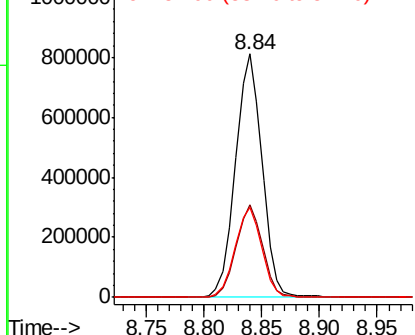
#23
 Nitrobenzene-d5
 Concen: 81.055 ng
 RT: 8.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM019071.D
 Acq: 08 Mar 2019 13:43

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1293125
 Ion Ratio Lower Upper
 82 100
 128 37.8 29.9 44.9
 54 37.0 29.1 43.7

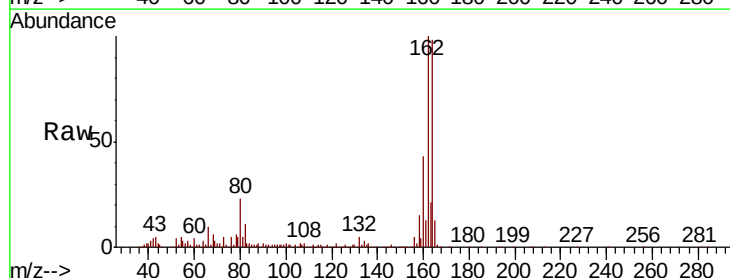


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
 Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
 Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

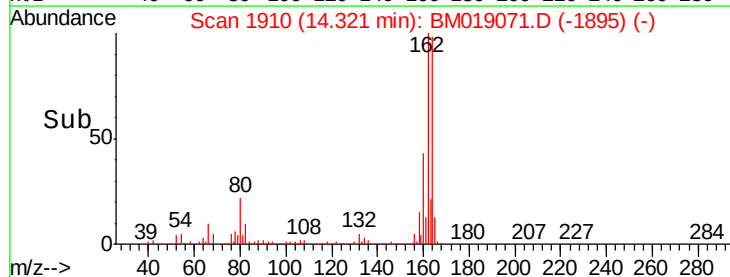
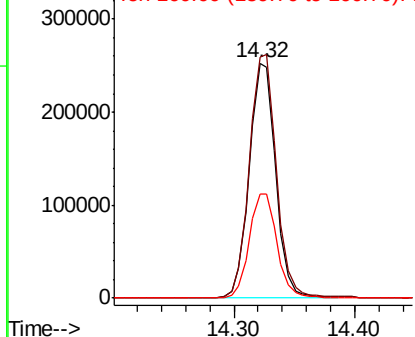


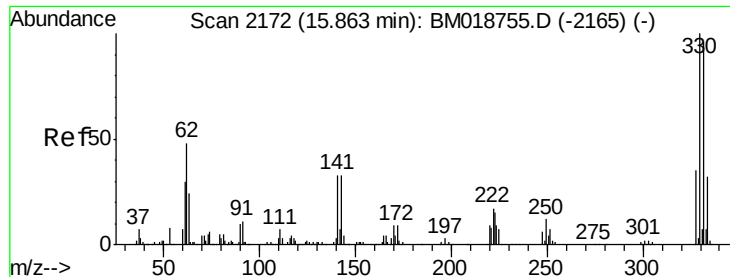
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BM019071.D
 Acq: 08 Mar 2019 13:43

Tgt Ion:164 Resp: 387396
 Ion Ratio Lower Upper
 164 100
 162 102.4 83.4 125.0
 160 44.4 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)
 Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)
 Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

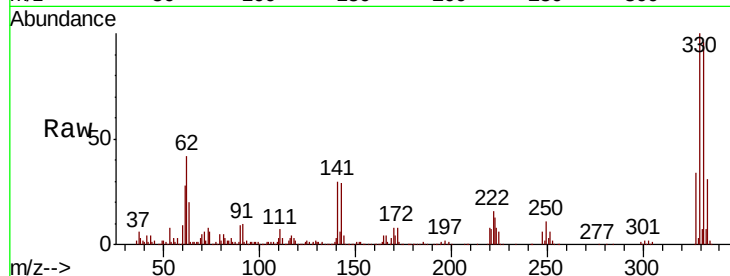




#42
 2,4,6-Tribromophenol
 Concen: 126.959 ng
 RT: 15.83 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BM019071.D
 Acq: 08 Mar 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	33.4	28.7	43.1

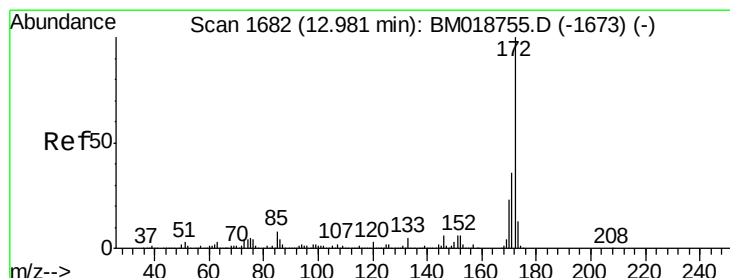
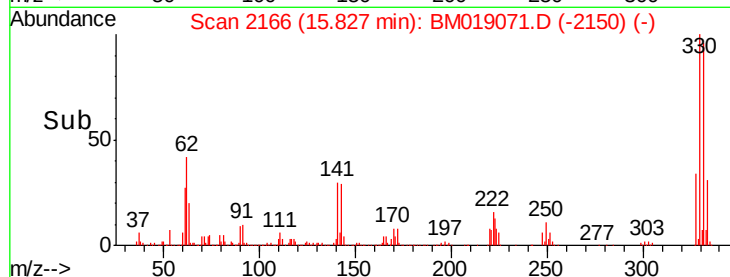
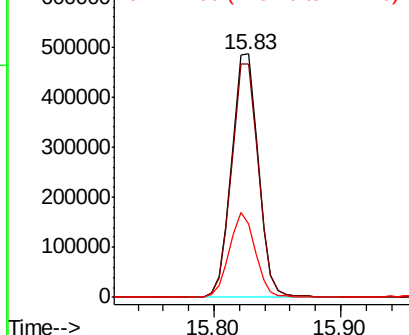


Abundance

Ion 329.80 (329.50 to 330.50): E

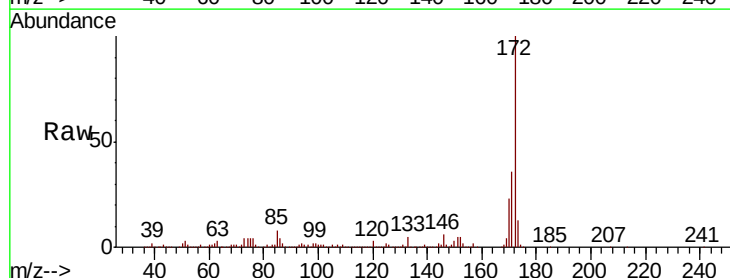
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.285 ng
 RT: 12.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BM019071.D
 Acq: 08 Mar 2019 13:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.3	18.6	28.0

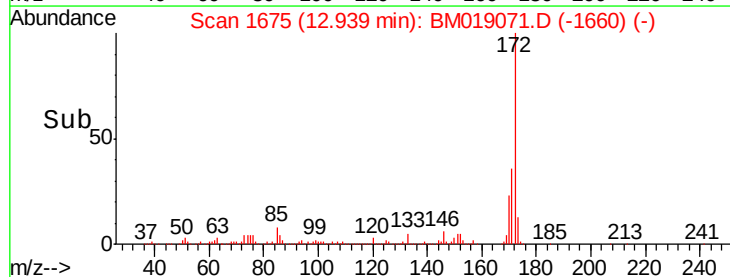
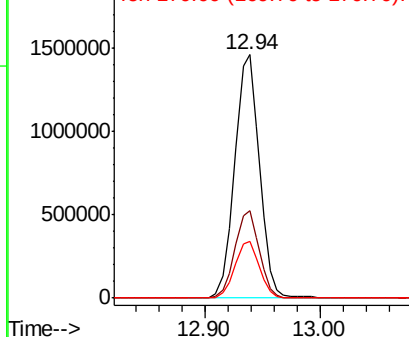


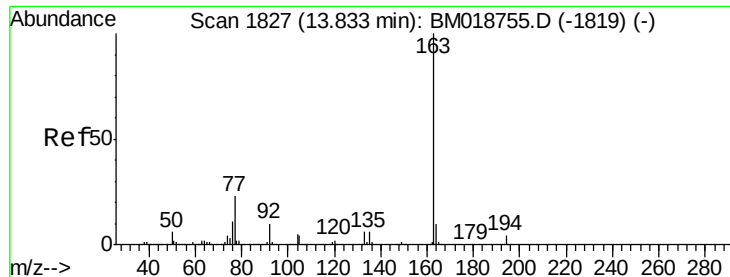
Abundance

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: 4.288 ng

RT: 13.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BM019071.D

Acq: 08 Mar 2019 13:43

Instrument :

BNA_M

ClientSampleId :

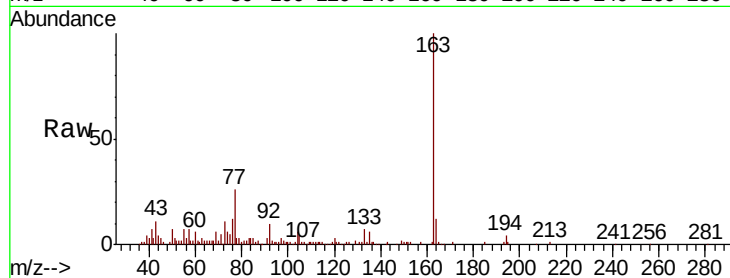
Tot Ion:163 Resp: 138430

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

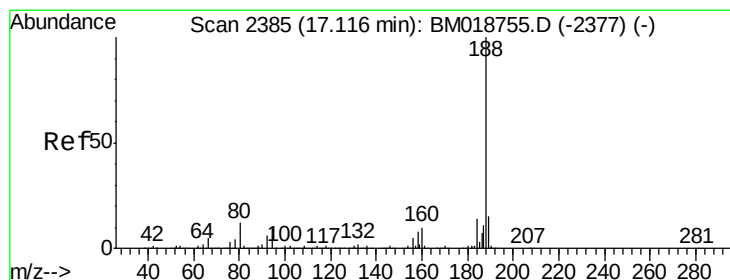
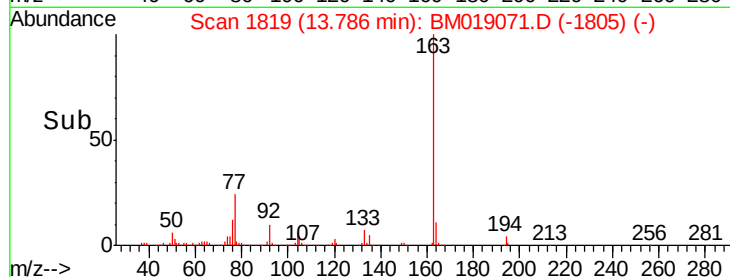
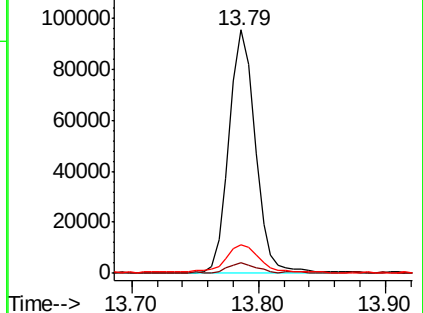
164 11.7 7.8 11.8



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: 17.08 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM019071.D

Acq: 08 Mar 2019 13:43

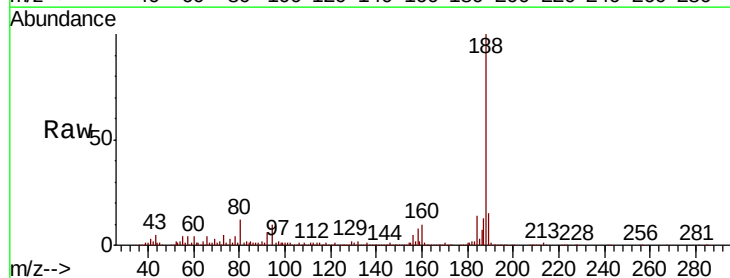
Tgt Ion:188 Resp: 793585

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

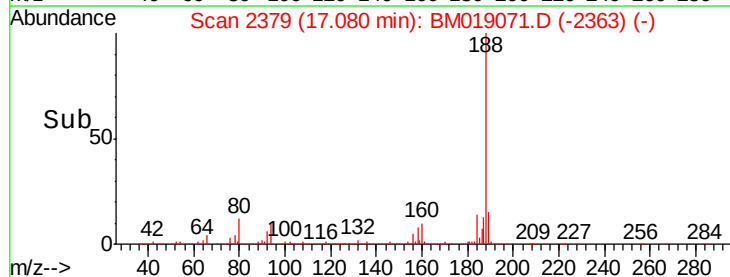
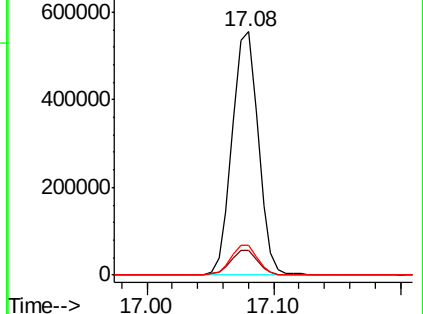
80 12.1 9.7 14.5

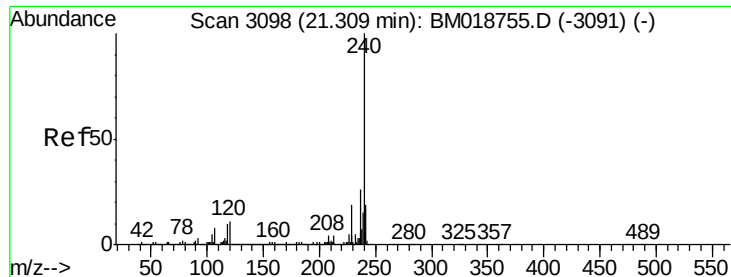


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.27 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM019071.D

Acq: 08 Mar 2019 13:43

Instrument :

BNA_M

ClientSampleId :

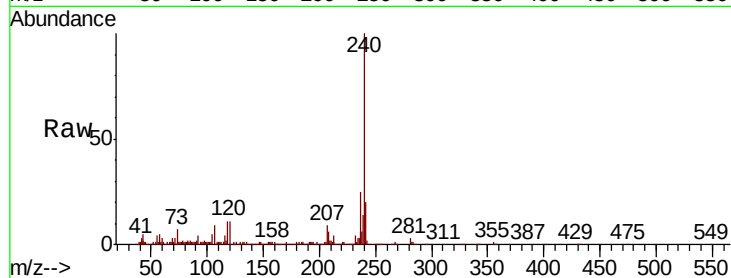
Tot Ion:240 Resp: 786309

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

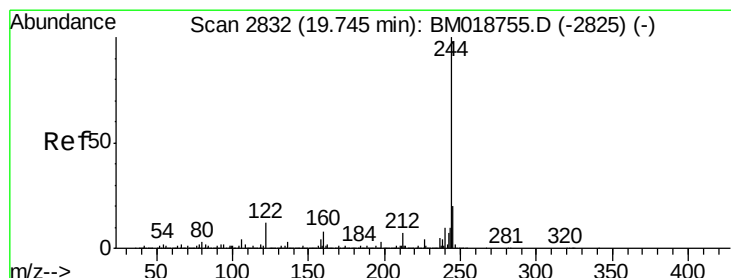
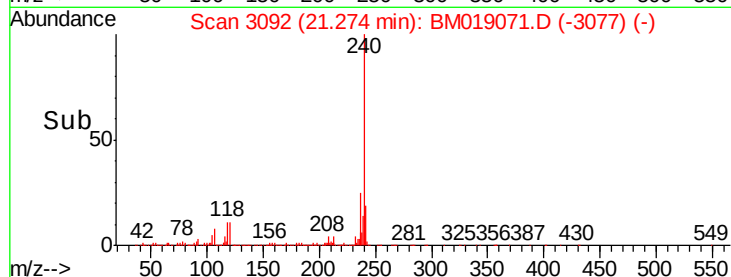
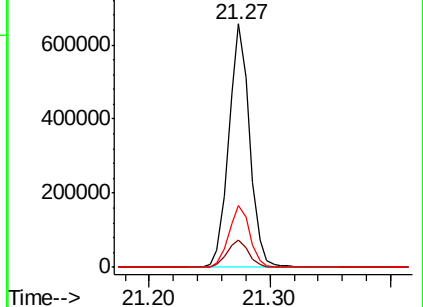
236 25.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 73.244 ng

RT: 19.72 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM019071.D

Acq: 08 Mar 2019 13:43

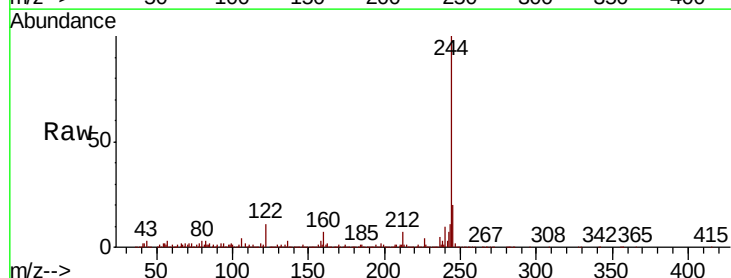
Tgt Ion:244 Resp: 2791817

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

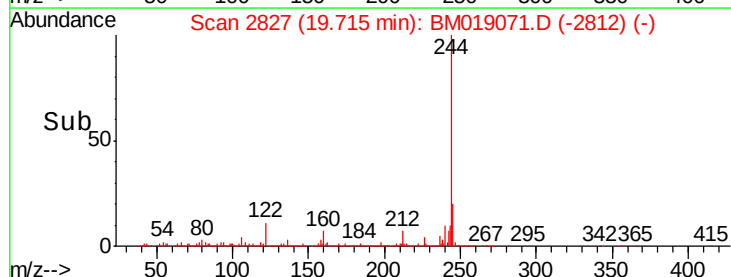
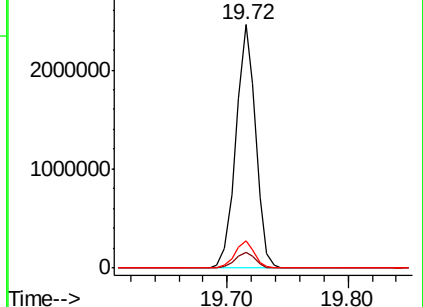
122 11.2 9.3 13.9

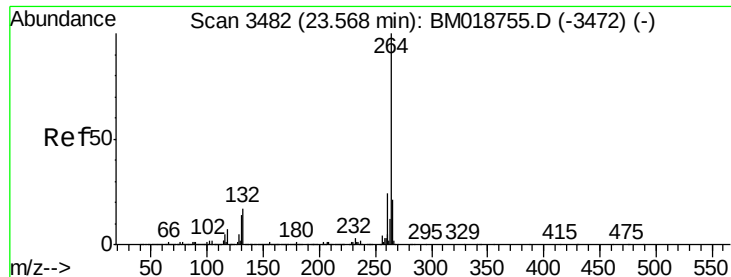


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.52 min Scan# 3474
Delta R.T. -0.01 min
Lab File: BM019071.D
Acq: 08 Mar 2019 13:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	22.8	17.3	25.9

