

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022819\
 Data File : BM018969.D
 Acq On : 28 Feb 2019 15:02
 Operator : JU/SJ
 Sample : K1631-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-1

Quant Time: Mar 01 01:13:23 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

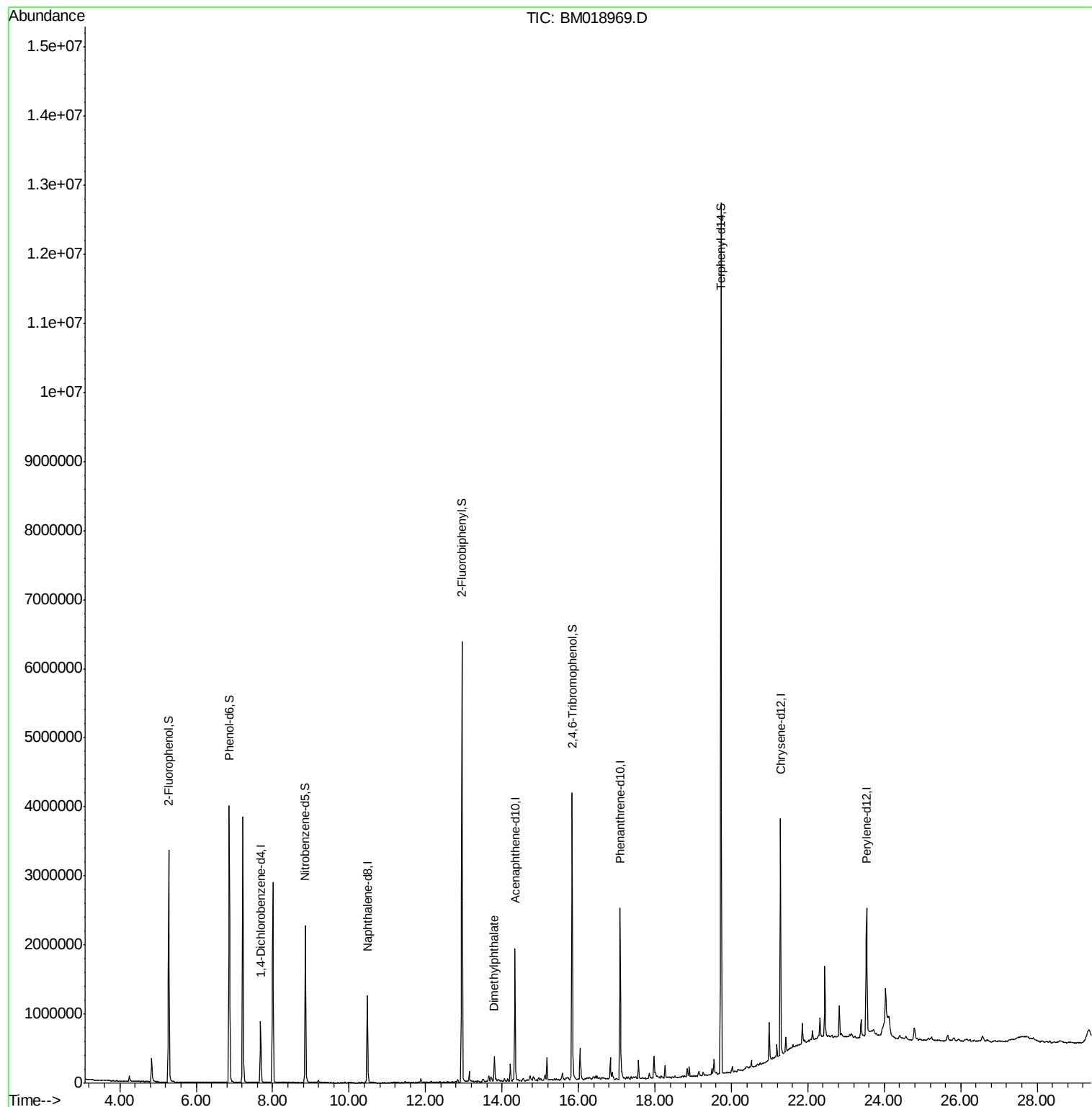
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	233723	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	1008615	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	593765	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1358542	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1449083	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1297834	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1408178	98.72	ng	-0.02
7) Phenol-d6	6.86	99	2318649	115.38	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1515457	69.47	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	743470	86.86	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	3202381	71.60	ng	-0.03
79) Terphenyl-d14	19.73	244	5370410	76.45	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.86	77	5380	Below Cal		Qvalue # 28
50) Dimethylphthalate	13.80	163	194184	3.924 ng		99

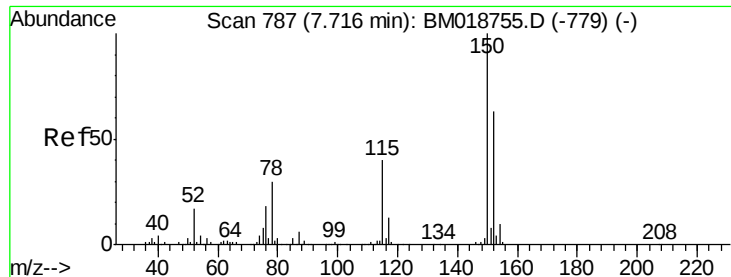
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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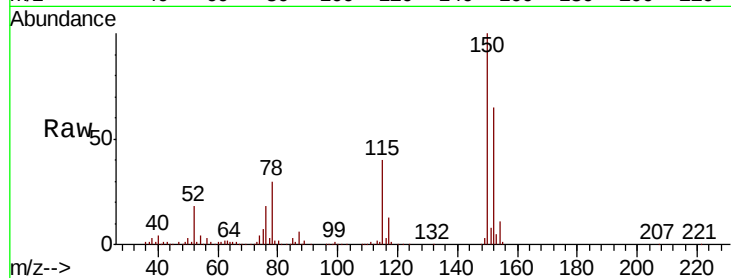


#1

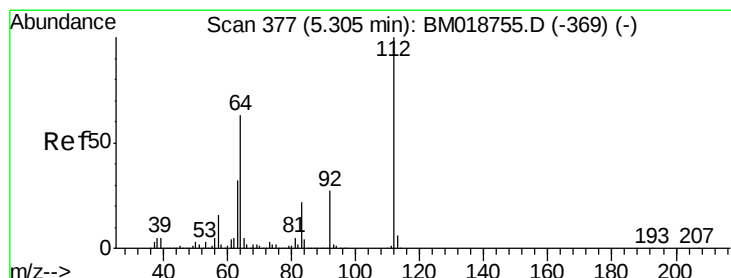
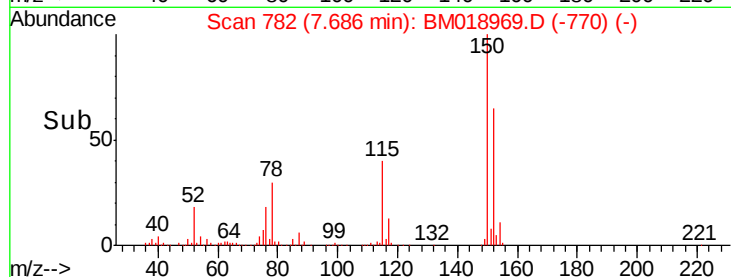
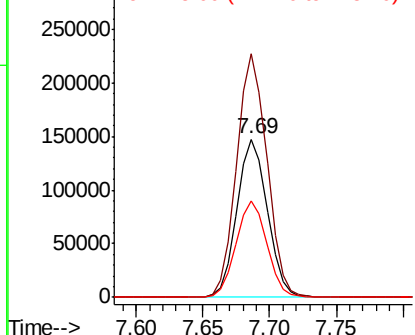
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018969.D
Acq: 28 Feb 2019 15:02

Instrument :
BNA_M
ClientSampleId :
CONCRETE-1

Tgt Ion:152 Resp: 233723
Ion Ratio Lower Upper
152 100
150 154.0 127.3 190.9
115 60.9 50.8 76.2



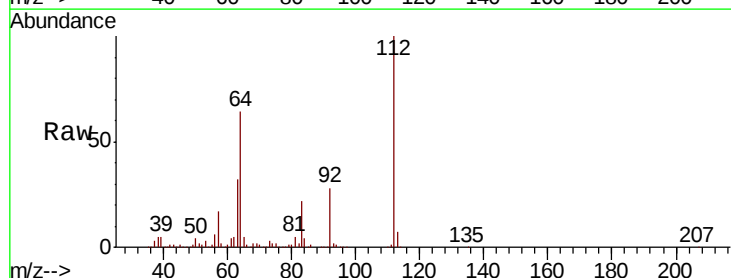
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



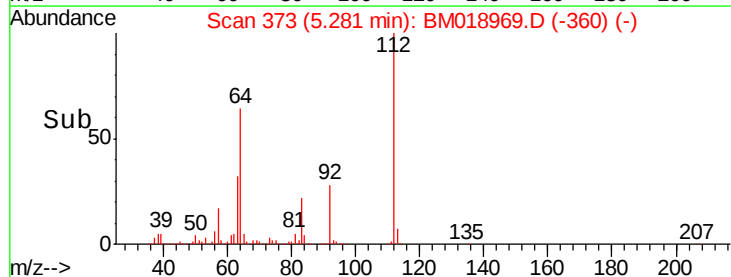
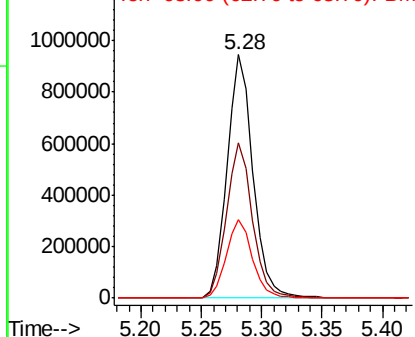
#5

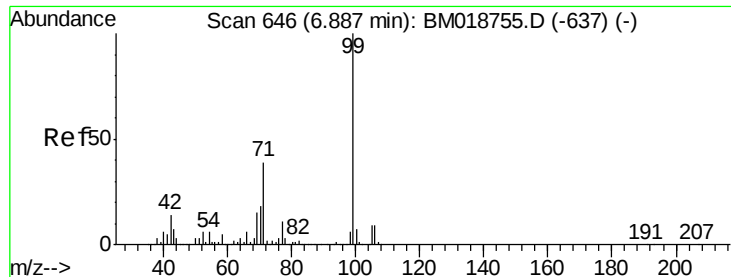
2-Fluorophenol
Concen: 98.718 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018969.D
Acq: 28 Feb 2019 15:02

Tgt Ion:112 Resp: 1408178
Ion Ratio Lower Upper
112 100
64 63.6 50.6 75.8
63 32.4 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: 115.382 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018969.D

Acq: 28 Feb 2019 15:02

Instrument :

BNA_M

ClientSampleId :

CONCRETE-1

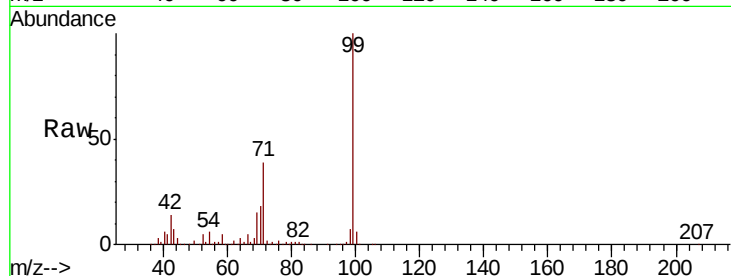
Tgt Ion: 99 Resp: 2318649

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

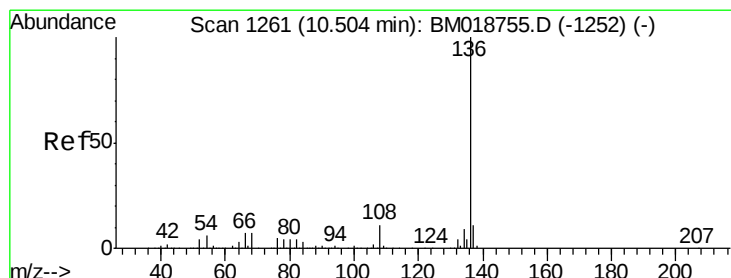
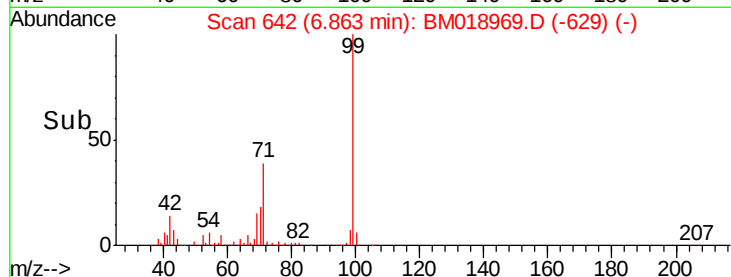
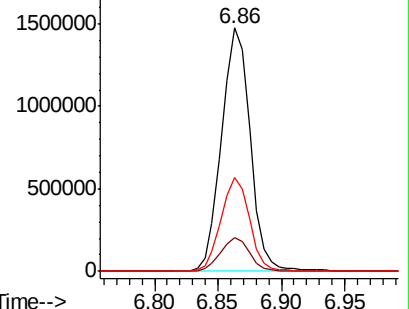
71 38.8 31.3 46.9



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: 10.47 min Scan# 1256

Delta R.T. -0.03 min

Lab File: BM018969.D

Acq: 28 Feb 2019 15:02

Tgt Ion: 136 Resp: 1008615

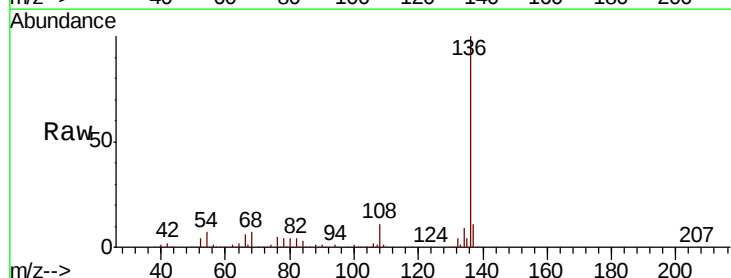
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.1 5.0 7.6

68 7.0 5.5 8.3

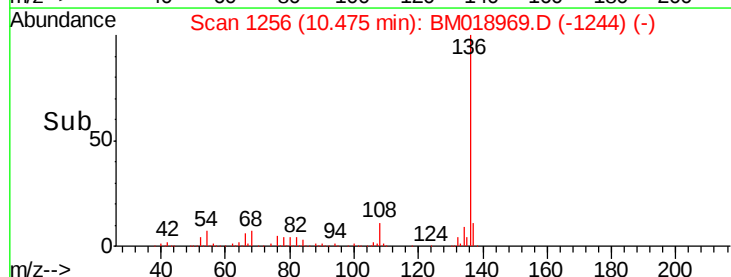
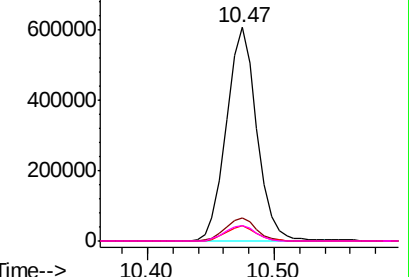


Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

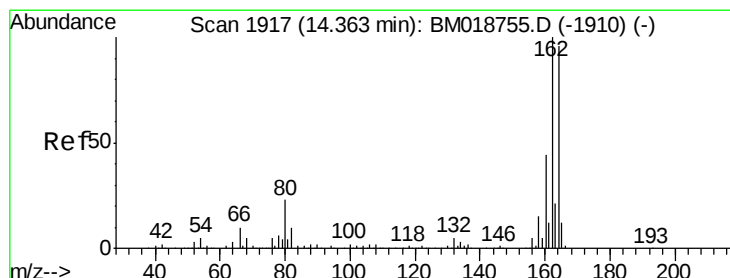
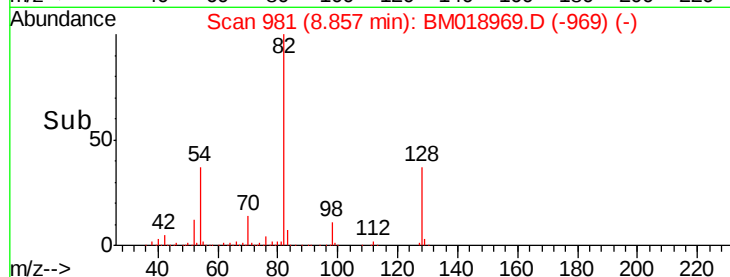
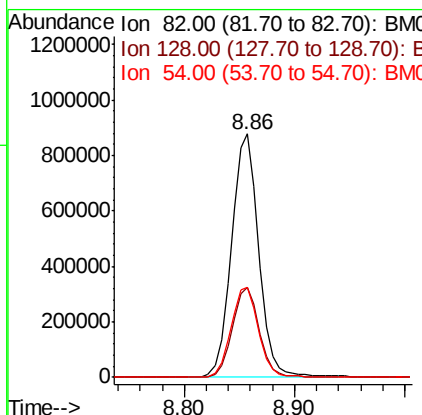
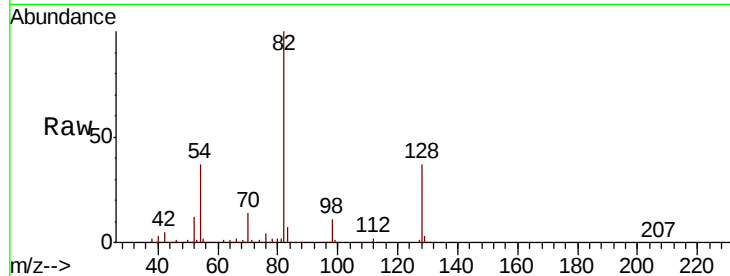




#23
 Nitrobenzene-d5
 Concen: 69.474 ng
 RT: 8.86 min Scan# 981
 Delta R.T. -0.03 min
 Lab File: BM018969.D
 Acq: 28 Feb 2019 15:02

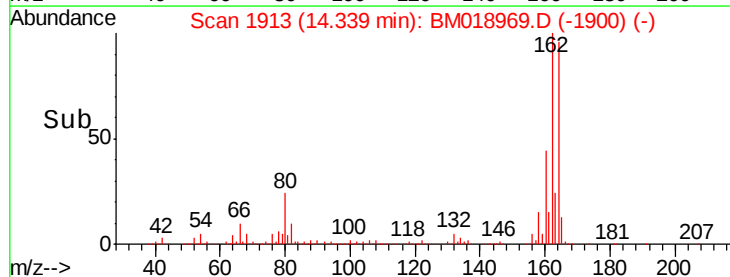
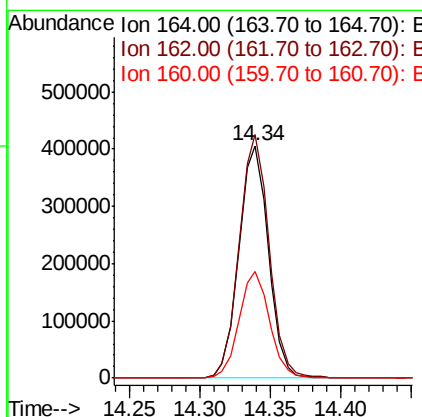
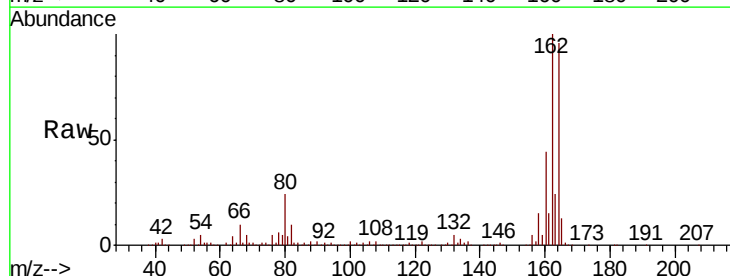
Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-1

Tgt Ion: 82 Resp: 1515457
 Ion Ratio Lower Upper
 82 100
 128 36.7 29.9 44.9
 54 37.2 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: BM018969.D
 Acq: 28 Feb 2019 15:02

Tgt Ion: 164 Resp: 593765
 Ion Ratio Lower Upper
 164 100
 162 104.7 83.4 125.0
 160 46.1 36.6 55.0

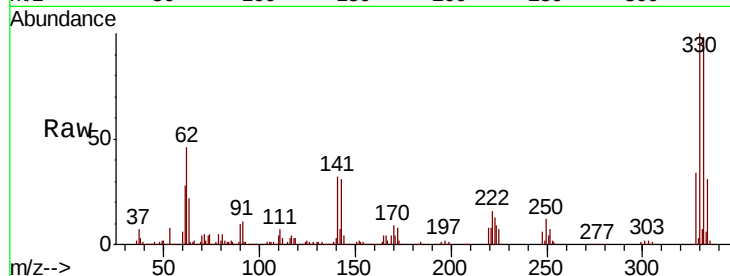




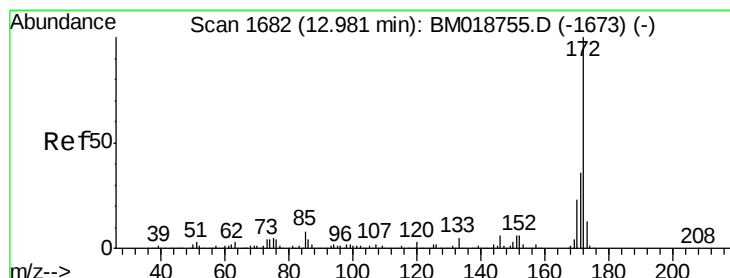
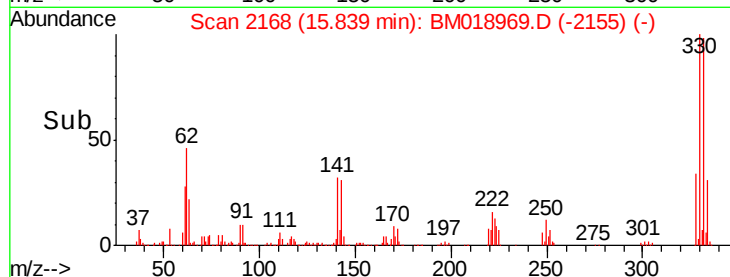
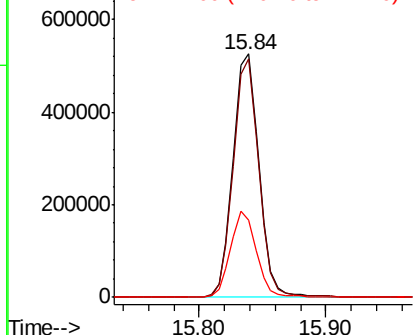
#42
 2,4,6-Tribromophenol
 Concen: 86.865 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM018969.D
 Acq: 28 Feb 2019 15:02

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-1

Tgt Ion:330 Resp: 743470
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 35.6 28.7 43.1

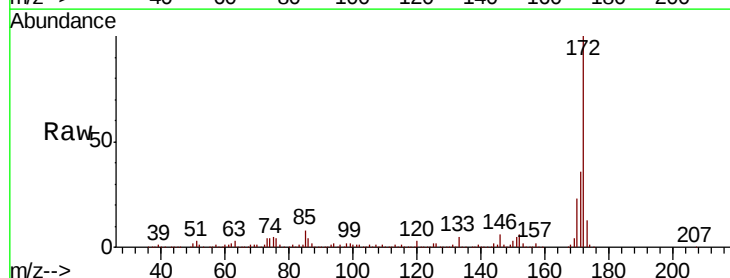


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

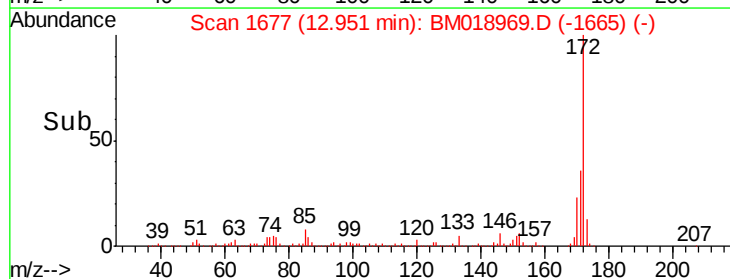
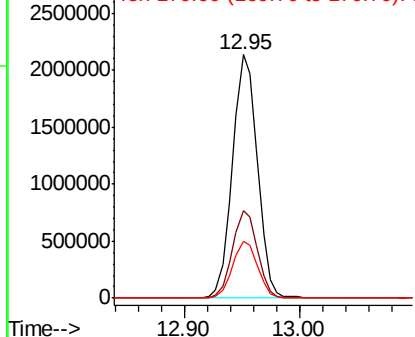


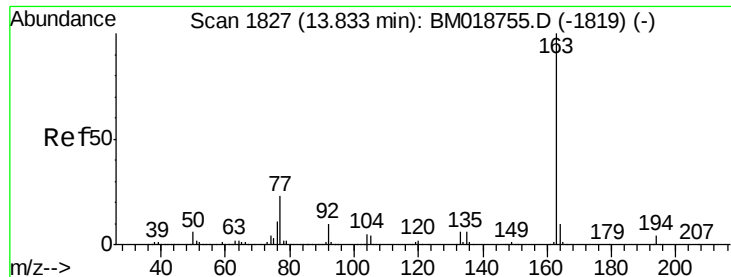
#45
 2-Fluorobiphenyl
 Concen: 71.595 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.03 min
 Lab File: BM018969.D
 Acq: 28 Feb 2019 15:02

Tgt Ion:172 Resp: 3202381
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 23.5 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: 3.924 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM018969.D

Acq: 28 Feb 2019 15:02

Instrument :

BNA_M

ClientSampleId :

CONCRETE-1

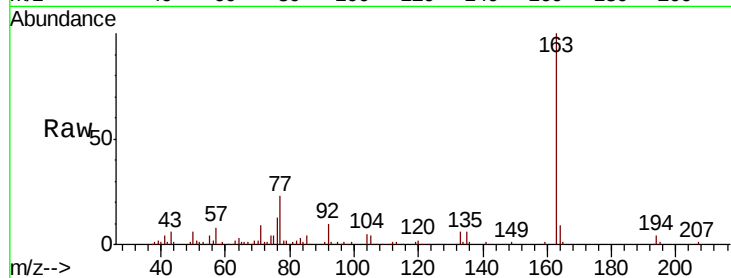
Tgt Ion:163 Resp: 194184

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

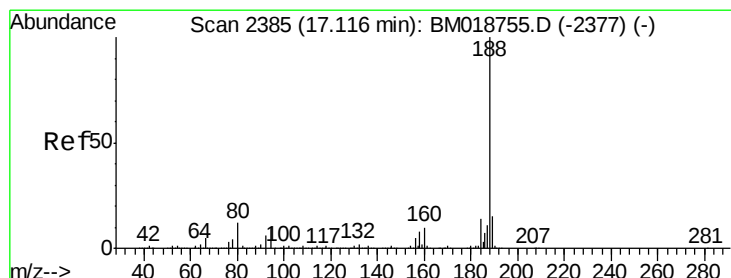
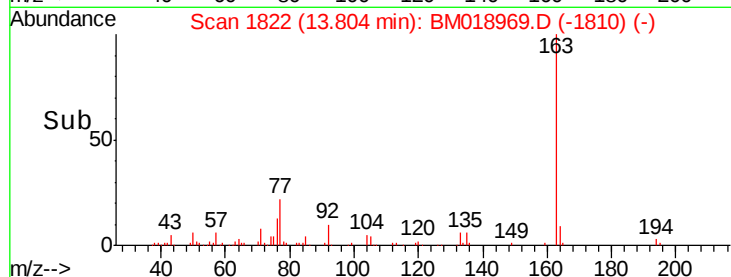
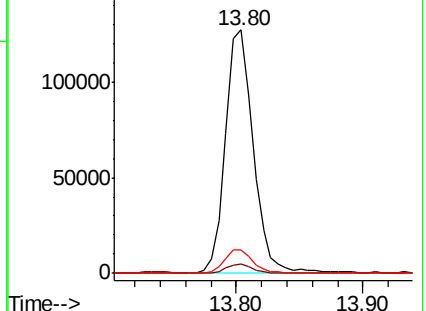
164 9.5 7.8 11.8



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: 17.09 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BM018969.D

Acq: 28 Feb 2019 15:02

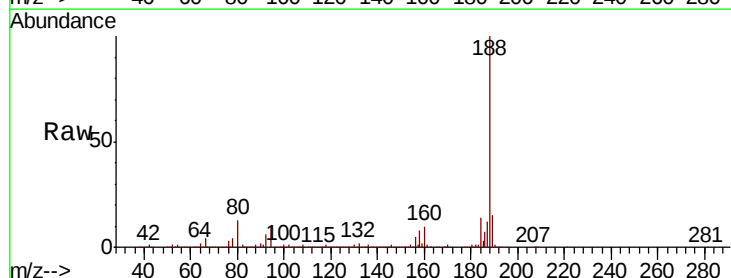
Tgt Ion:188 Resp: 1358542

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

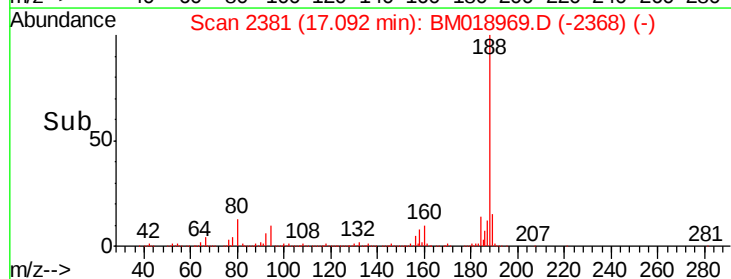
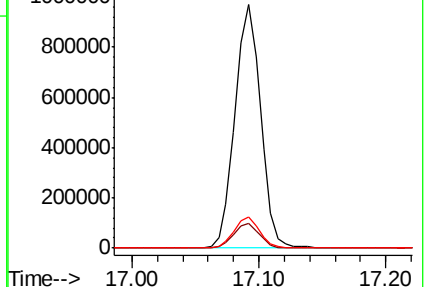
80 12.6 9.7 14.5

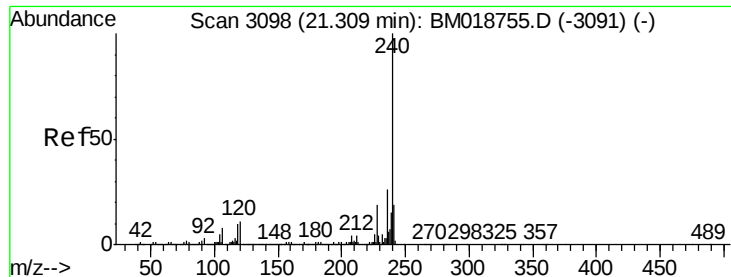


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

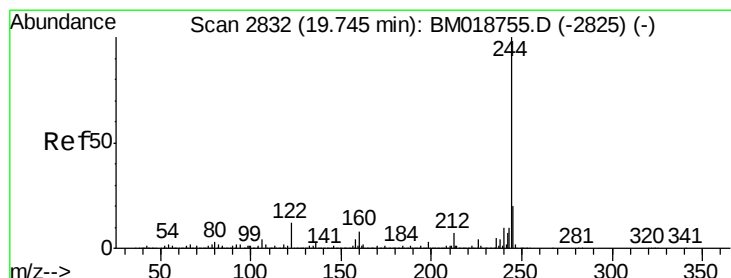
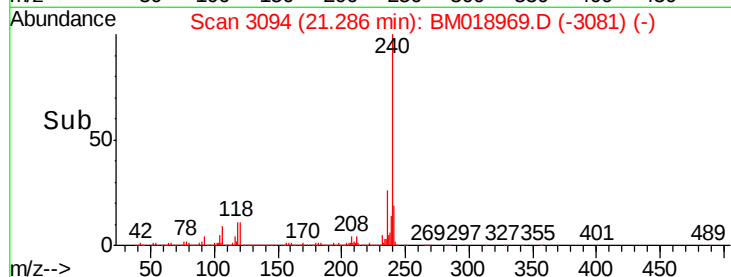
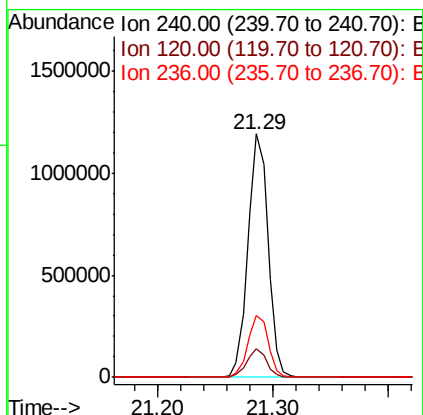
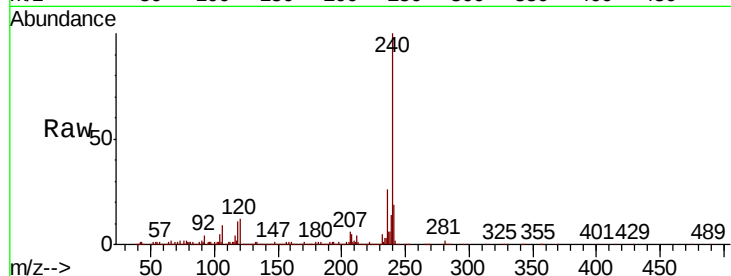




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM018969.D
Acq: 28 Feb 2019 15:02

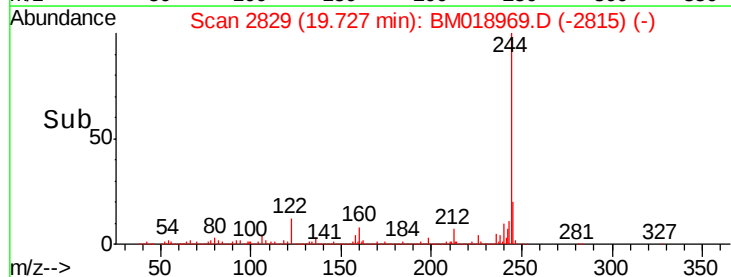
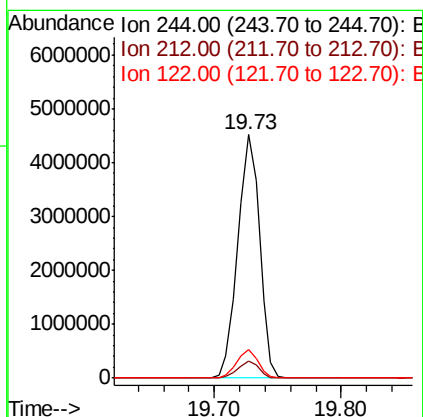
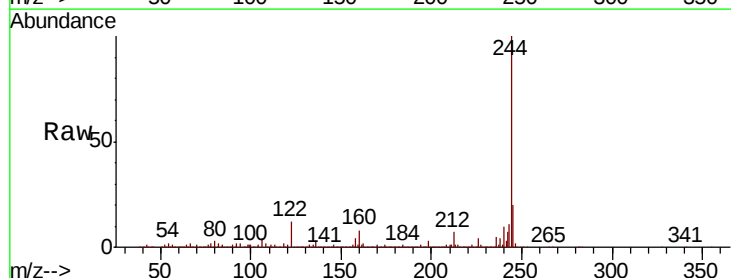
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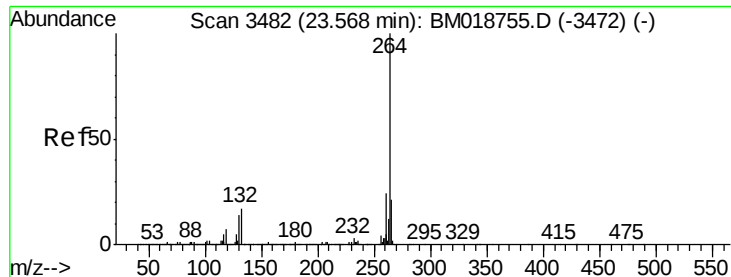
Tgt Ion:240 Resp: 1449083
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 76.452 ng
RT: 19.73 min Scan# 2829
Delta R.T. -0.02 min
Lab File: BM018969.D
Acq: 28 Feb 2019 15:02

Tgt Ion:244 Resp: 5370410
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 11.6 9.3 13.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.54 min Scan# 3477
Delta R.T. -0.03 min
Lab File: BM018969.D
Acq: 28 Feb 2019 15:02

Instrument :
BNA_M
ClientSampleId :
CONCRETE-1

Tgt Ion: 264 Resp: 1297834

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.9	17.3	25.9

