

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031519\
 Data File : BM019192.D
 Acq On : 15 Mar 2019 18:40
 Operator : JU/SJ
 Sample : K1930-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 T-618-LOOSE-CONCRETE

Quant Time: Mar 16 01:35:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

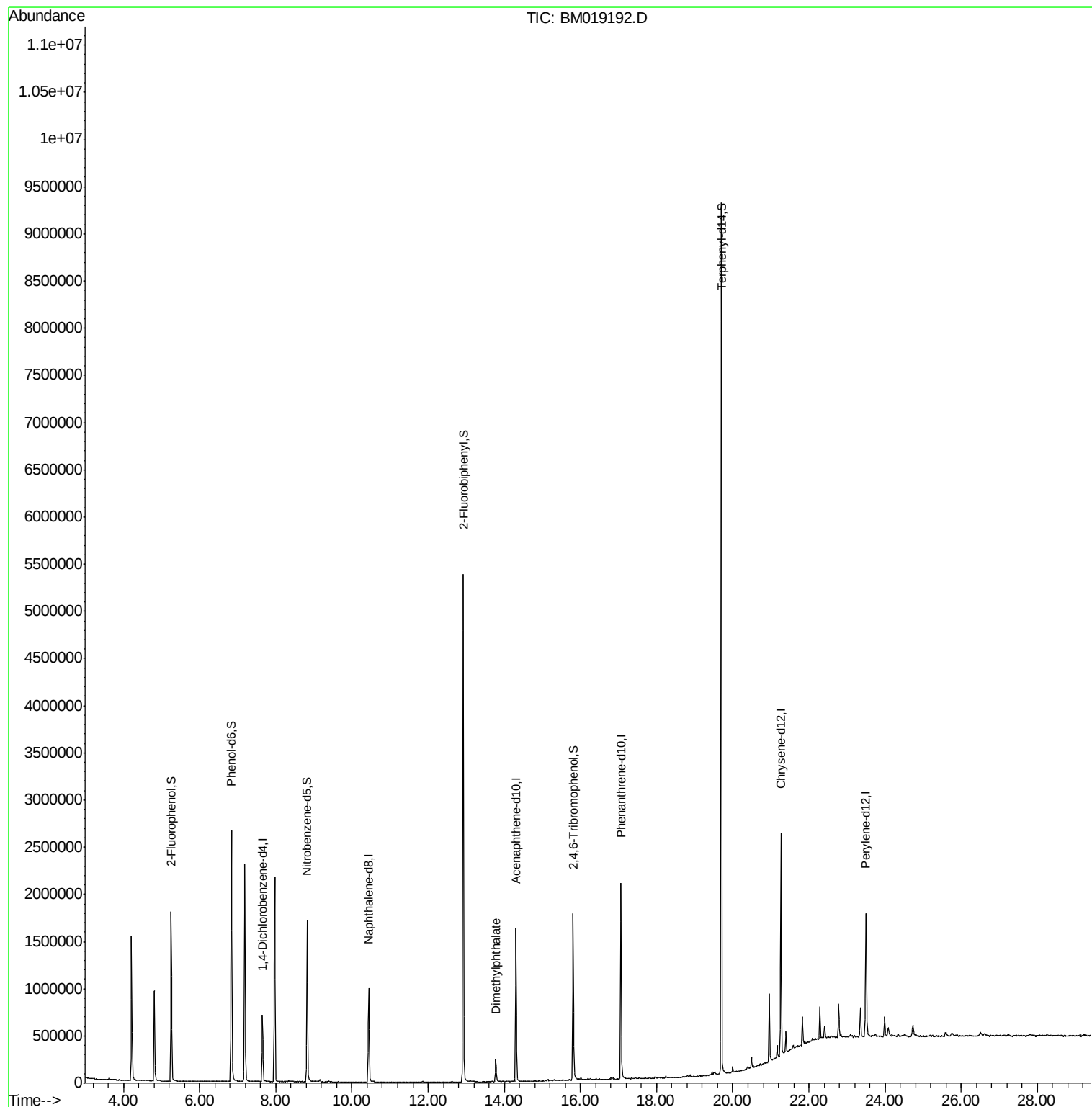
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	187735	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	847516	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	534923	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1179861	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1068054	20.00	ng	-0.01
87) Perylene-d12	23.50	264	939101	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	766098	66.09	ng	0.00
7) Phenol-d6	6.83	99	1551304	91.49	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1121822	62.57	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	341382	43.22	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	2625015	63.83	ng	-0.01
79) Terphenyl-d14	19.70	244	4001923	74.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.77	163	185127	4.046	ng	Qvalue 98

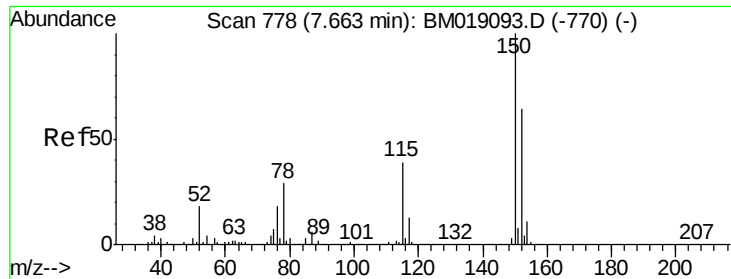
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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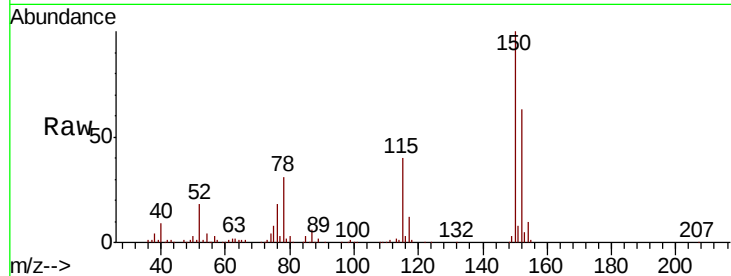


#1

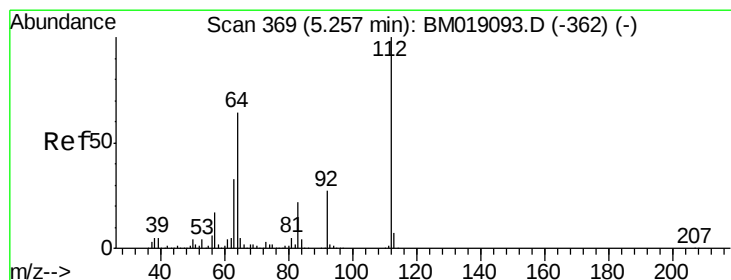
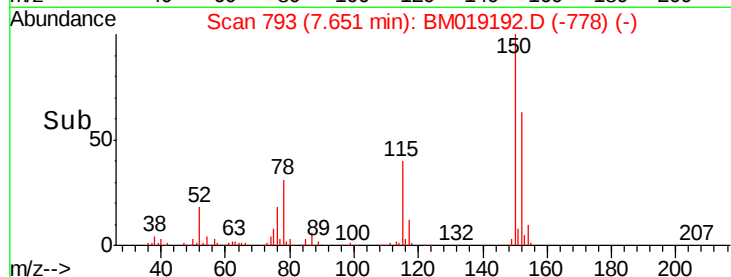
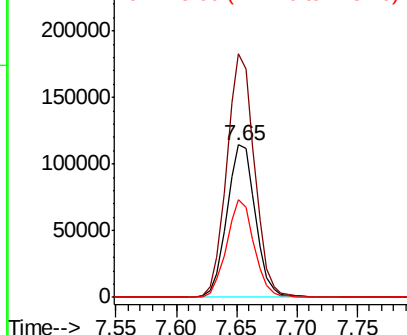
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019192.D
Acq: 15 Mar 2019 18:40

Instrument :
BNA_M
ClientSampleId :
T-618-LOOSE-CONCRETE

Tgt Ion:152 Resp: 187735
Ion Ratio Lower Upper
152 100
150 159.9 125.3 187.9
115 64.1 49.4 74.0



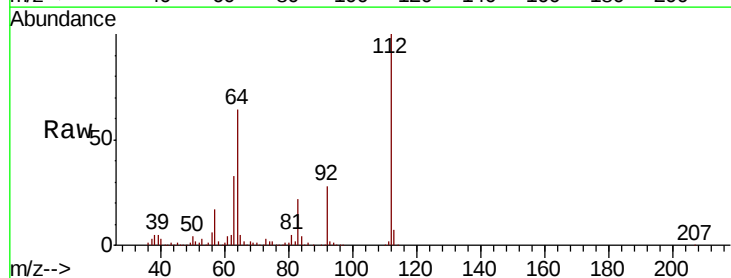
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



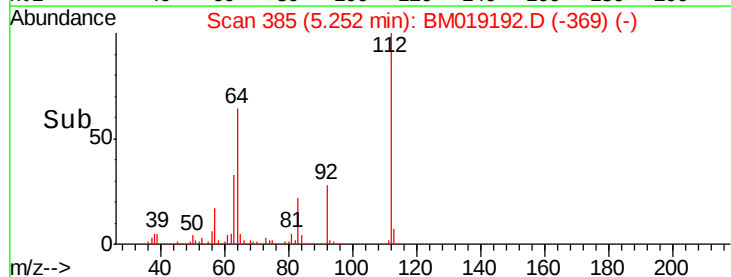
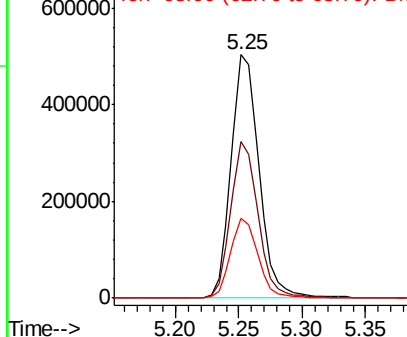
#5

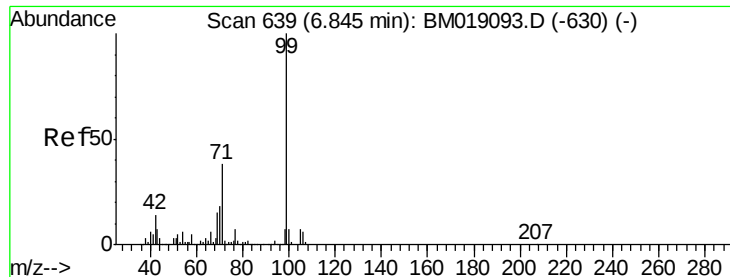
2-Fluorophenol
Concen: 66.087 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019192.D
Acq: 15 Mar 2019 18:40

Tgt Ion:112 Resp: 766098
Ion Ratio Lower Upper
112 100
64 64.2 51.4 77.0
63 32.7 26.6 40.0



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: 91.489 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019192.D

Acq: 15 Mar 2019 18:40

Instrument :

BNA_M

ClientSampleId :

T-618-LOOSE-CONCRETE

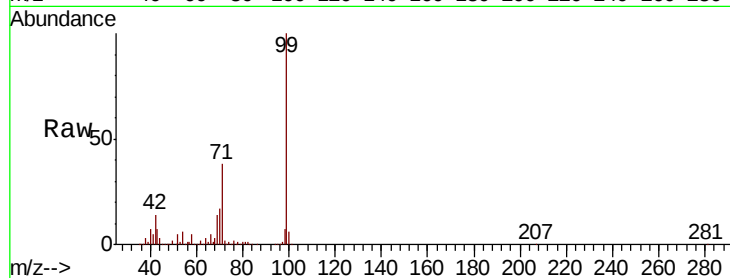
Tgt Ion: 99 Resp: 1551304

Ion Ratio Lower Upper

99 100

42 14.1 10.9 16.3

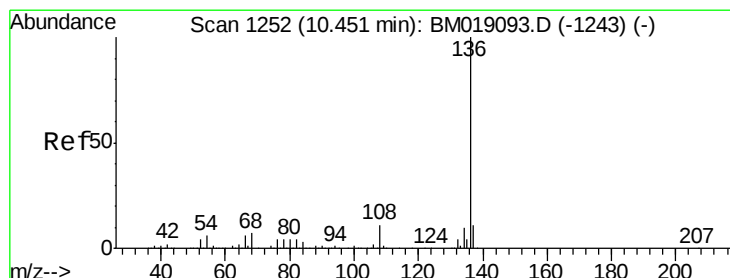
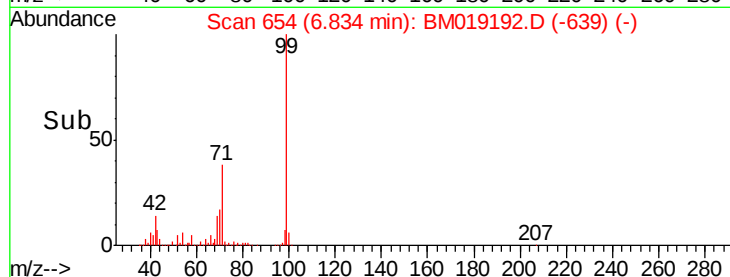
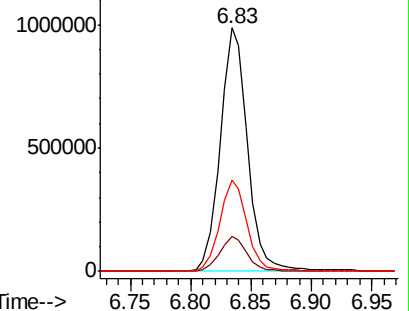
71 37.8 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM019192.D

Acq: 15 Mar 2019 18:40

Tgt Ion: 136 Resp: 847516

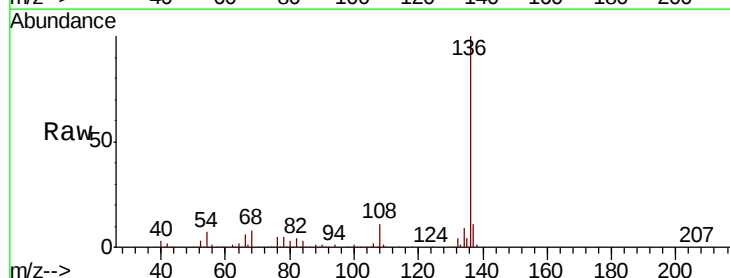
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.0 5.2 7.8

68 7.5 5.8 8.8

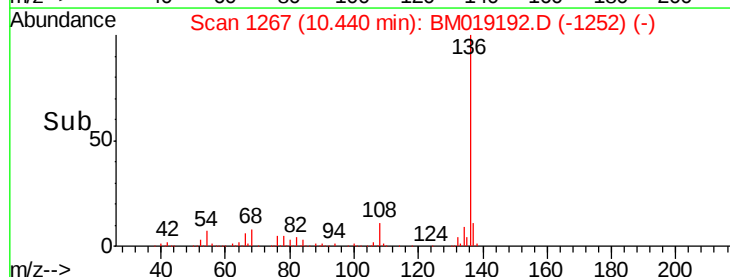
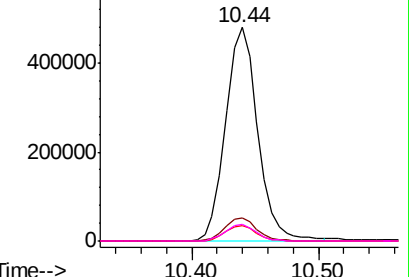


Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

Ion 137.00 (136.70 to 137.70): BM019093.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM019093.D (-1243) (-)



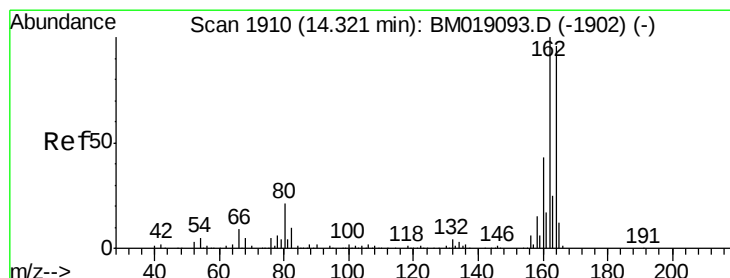
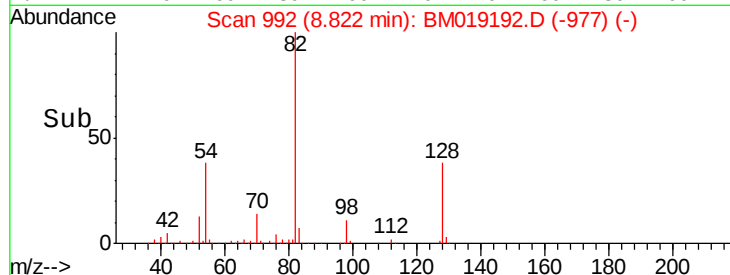
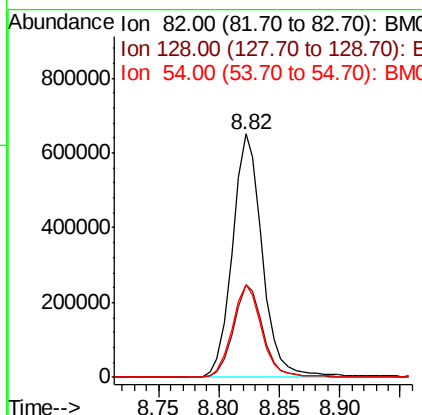
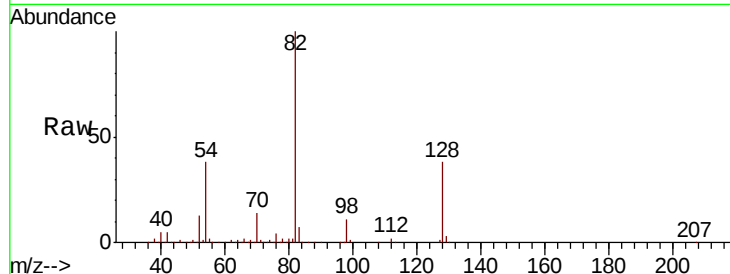


#23
 Nitrobenzene-d5
 Concen: 62.570 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM019192.D
 Acq: 15 Mar 2019 18:40

Instrument :
 BNA_M
 ClientSampleId :
 T-618-LOOSE-CONCRETE

Tgt Ion: 82 Resp: 1121822

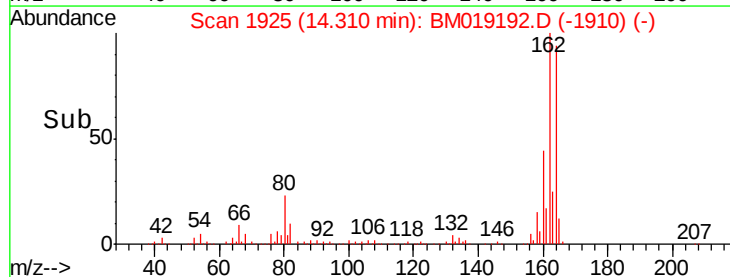
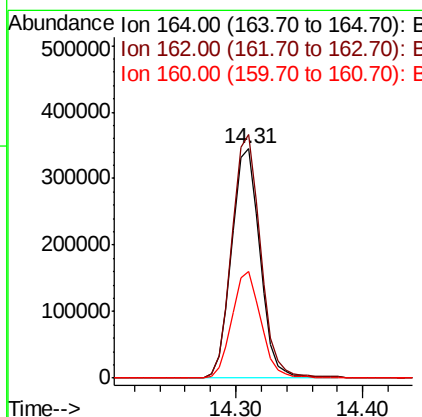
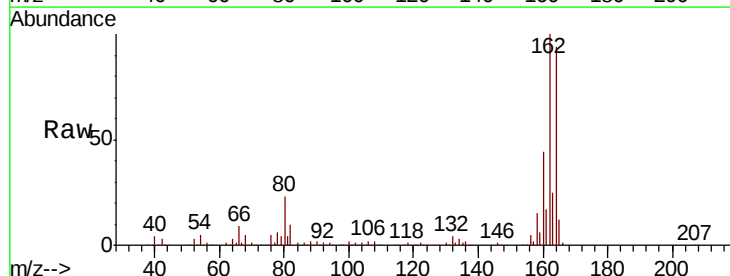
Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.4	44.2
54	37.9	29.9	44.9

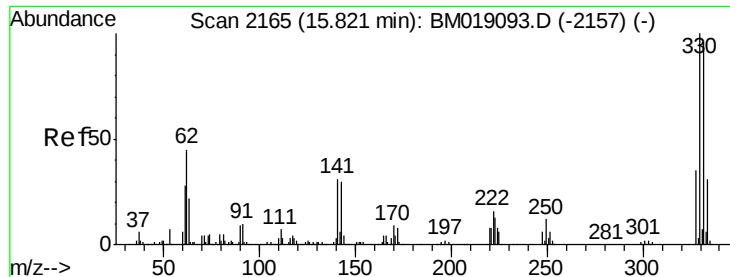


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.31 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BM019192.D
 Acq: 15 Mar 2019 18:40

Tgt Ion: 164 Resp: 534923

Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.5	125.3
160	46.7	36.3	54.5

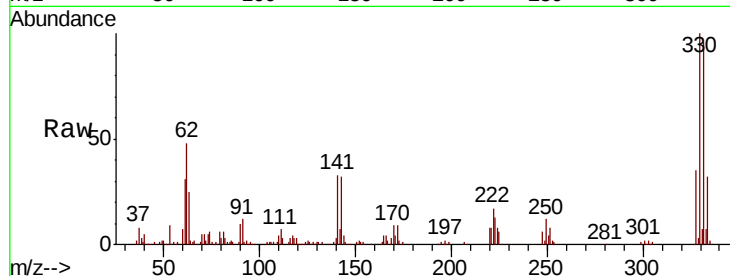




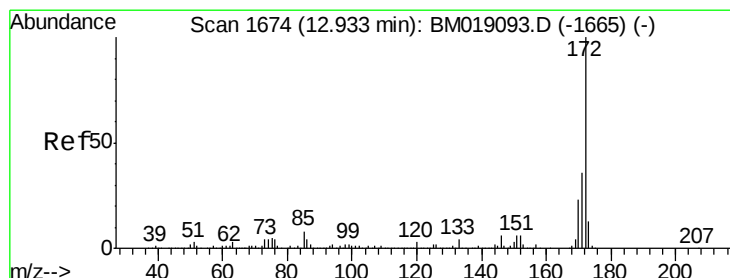
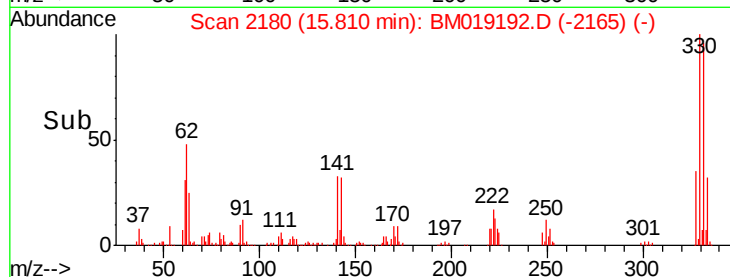
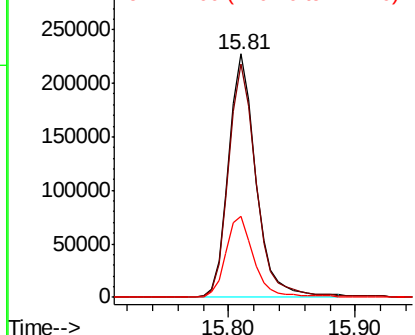
#42
 2,4,6-Tribromophenol
 Concen: 43.224 ng
 RT: 15.81 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BM019192.D
 Acq: 15 Mar 2019 18:40

Instrument :
 BNA_M
 ClientSampleId :
 T-618-LOOSE-CONCRETE

Tgt Ion: 330 Resp: 341382
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.8 115.2
 141 34.0 27.0 40.4

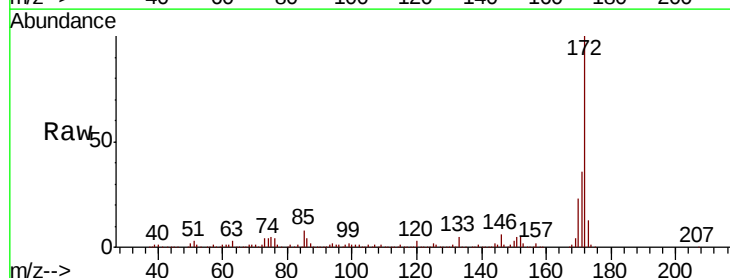


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

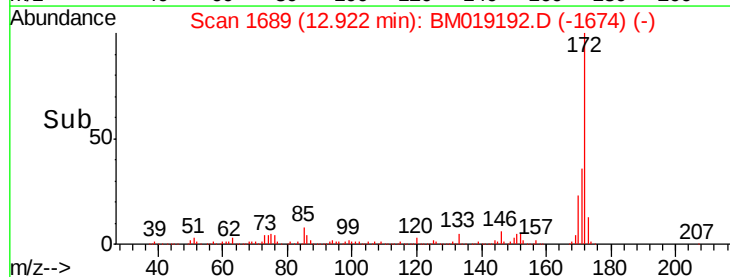
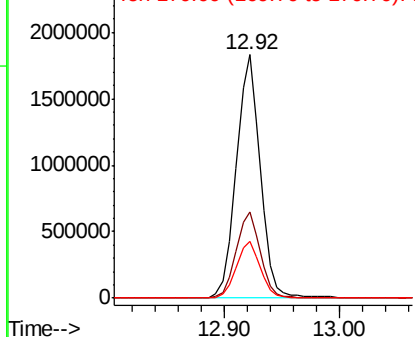


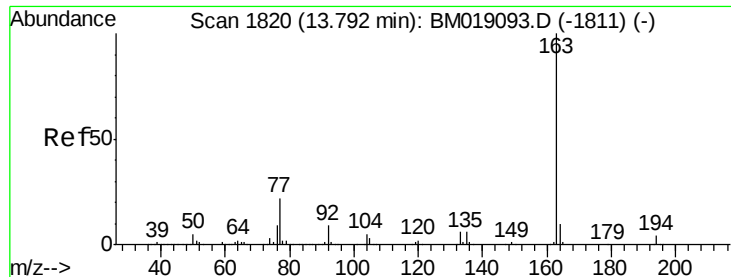
#45
 2-Fluorobiphenyl
 Concen: 63.832 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM019192.D
 Acq: 15 Mar 2019 18:40

Tgt Ion: 172 Resp: 2625015
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 23.4 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: 4.046 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM019192.D

Acq: 15 Mar 2019 18:40

Instrument :

BNA_M

ClientSampleId :

T-618-LOOSE-CONCRETE

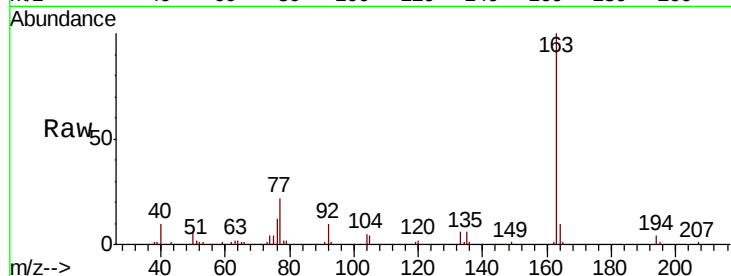
Tgt Ion:163 Resp: 185127

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.4 7.7 11.5

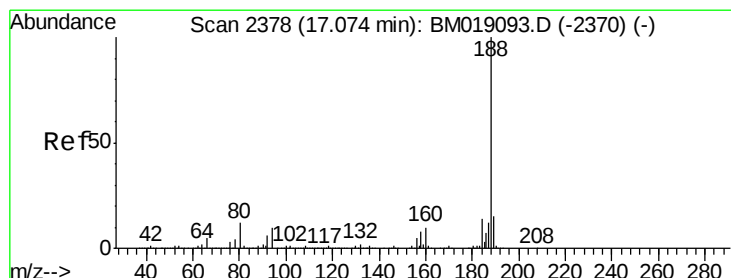
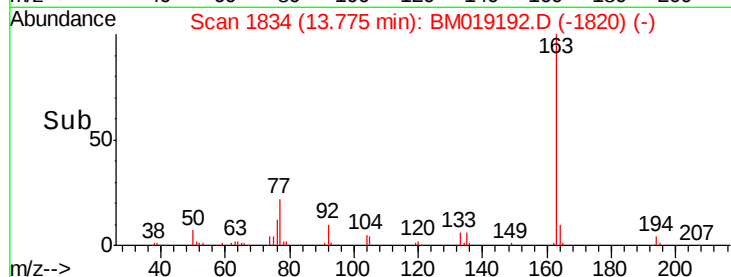
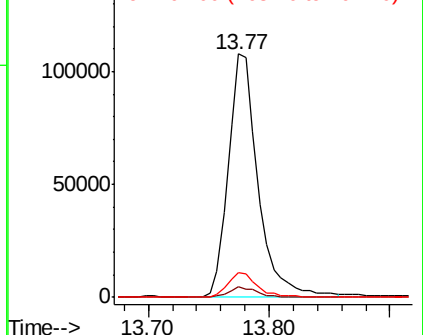


Abundance

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: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM019192.D

Acq: 15 Mar 2019 18:40

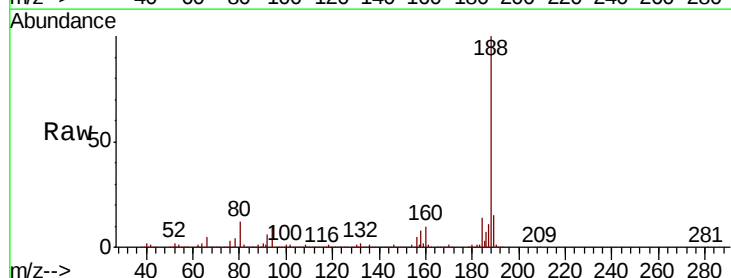
Tgt Ion:188 Resp: 1179861

Ion Ratio Lower Upper

188 100

94 10.4 8.1 12.1

80 12.3 9.7 14.5

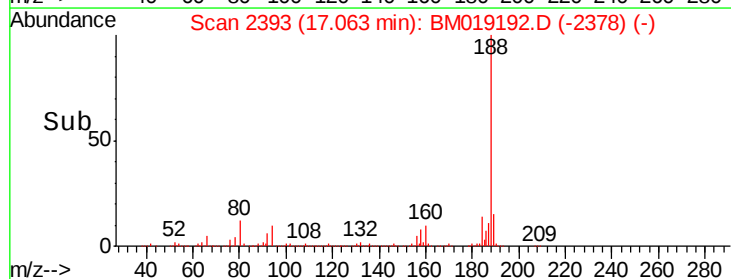
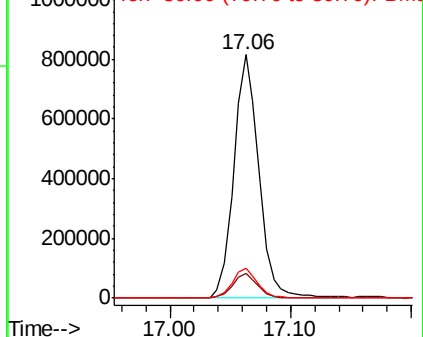


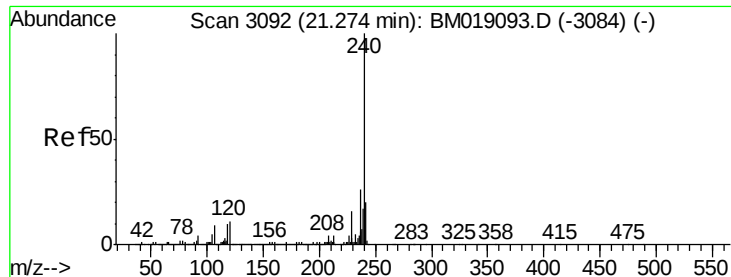
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM019192.D

Acq: 15 Mar 2019 18:40

Instrument :

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T-618-LOOSE-CONCRETE

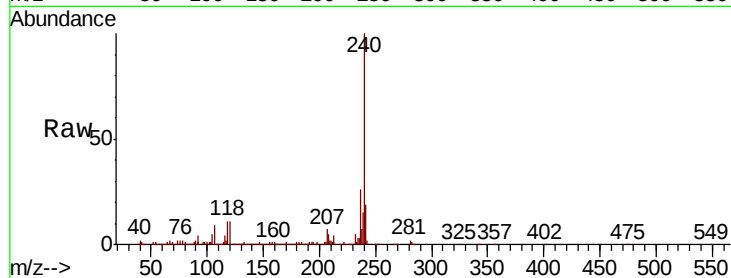
Tgt Ion:240 Resp: 1068054

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

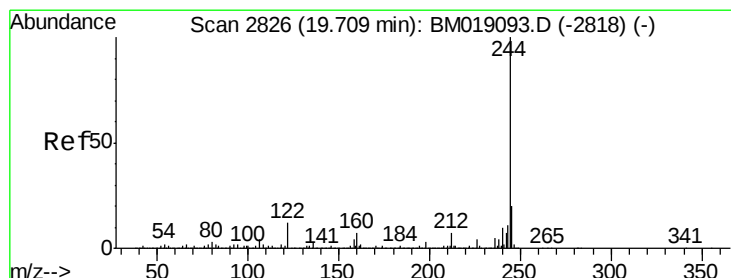
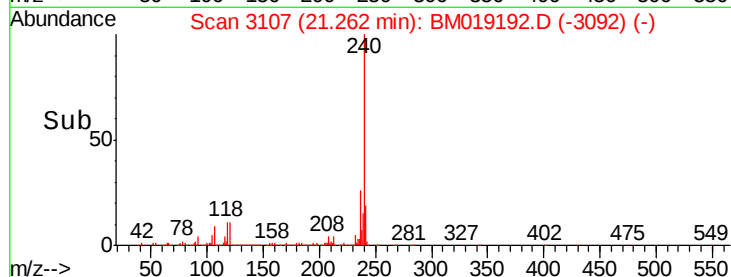
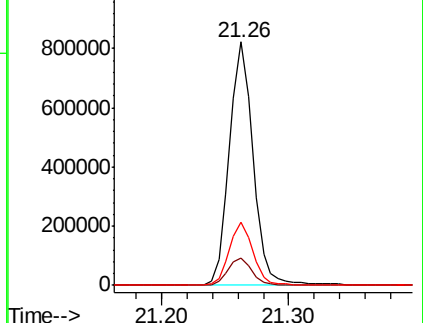
236 26.2 21.0 31.4



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: 74.385 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019192.D

Acq: 15 Mar 2019 18:40

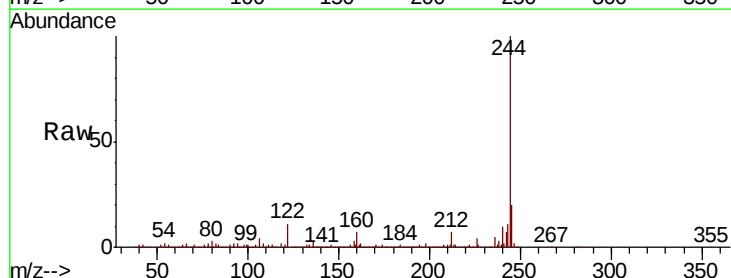
Tgt Ion:244 Resp: 4001923

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

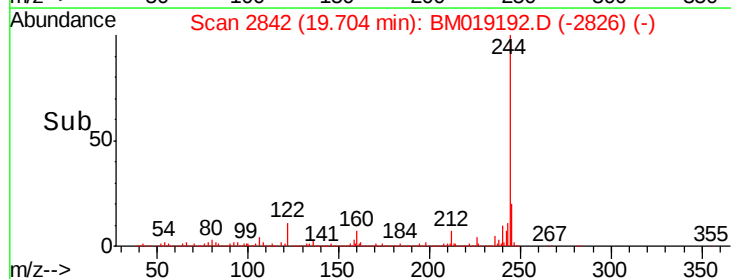
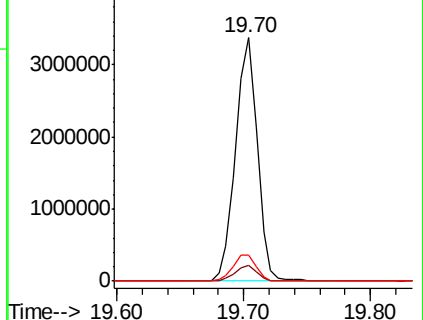
122 10.9 9.4 14.2

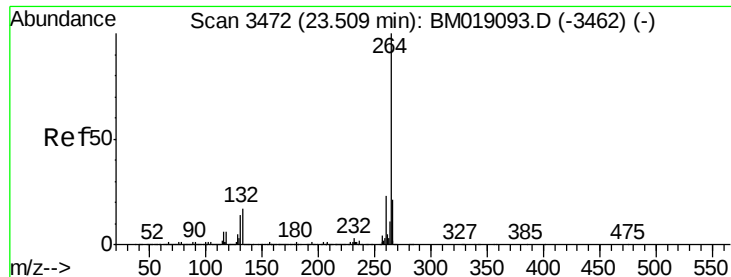


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM019192.D

Acq: 15 Mar 2019 18:40

Instrument :

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T-618-LOOSE-CONCRETE

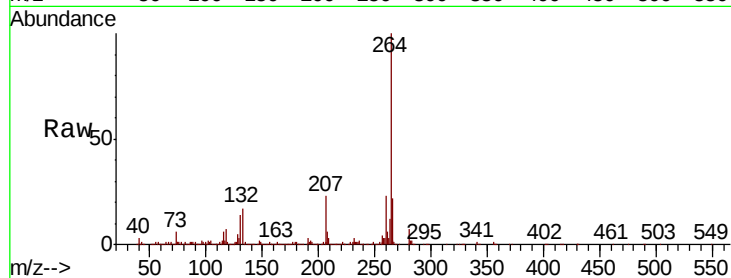
Tgt Ion:264 Resp: 939101

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.7 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

