

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

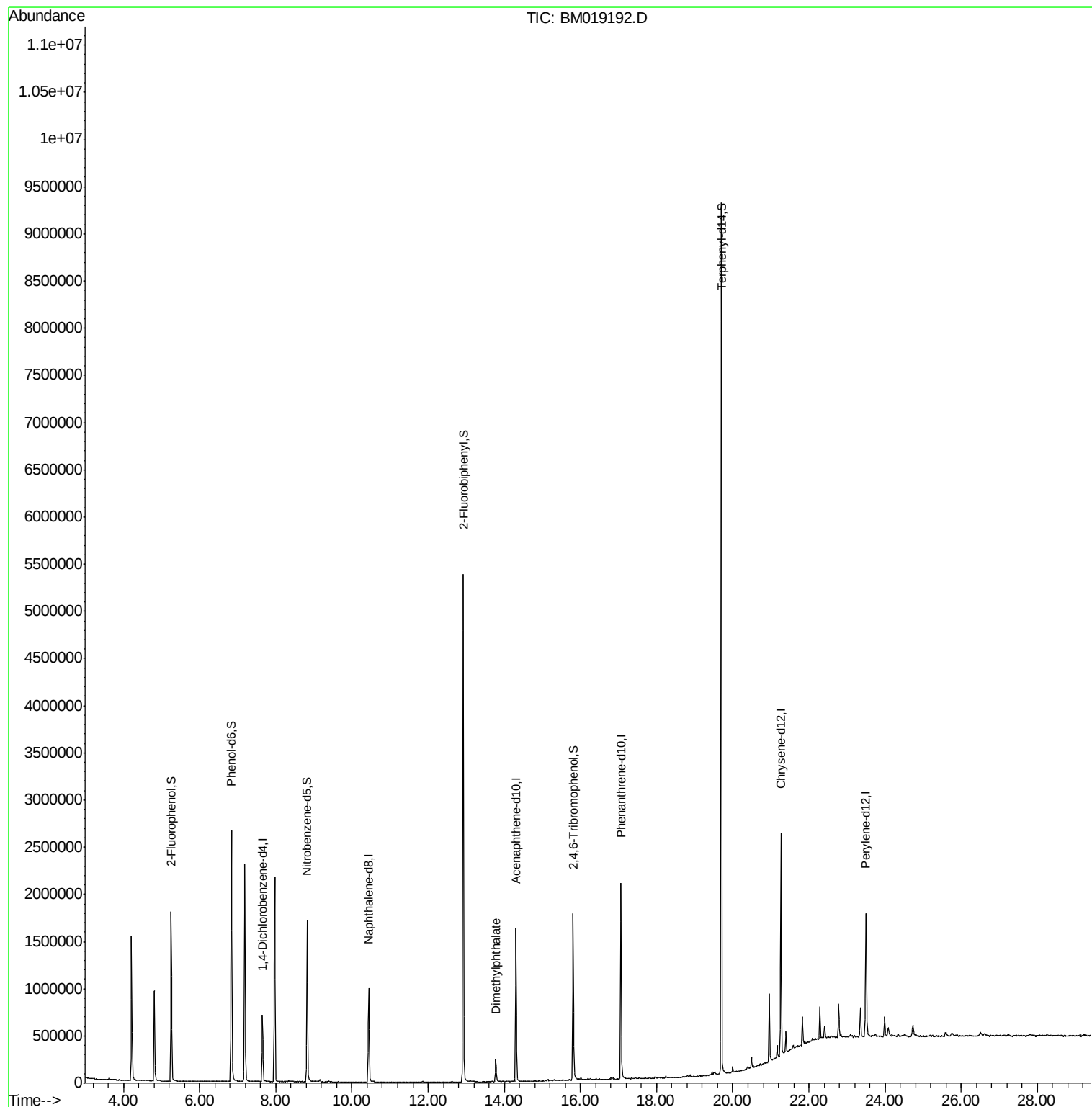
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	187735	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	847516	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	534923	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1179861	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1068054	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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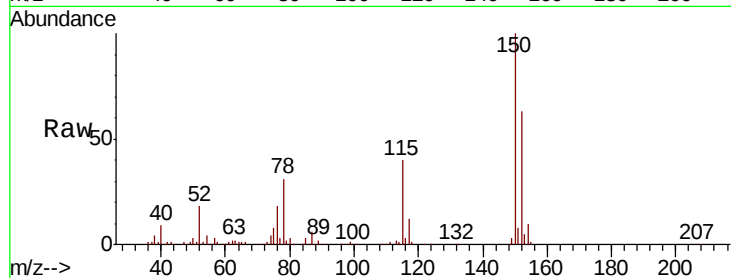


#1

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	125.3	187.9
115	64.1	49.4	74.0

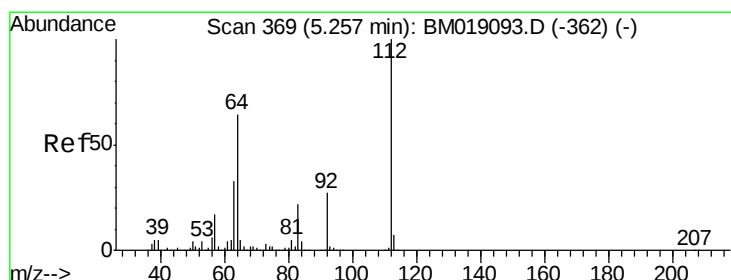
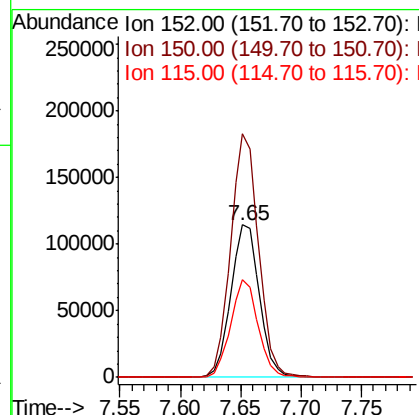
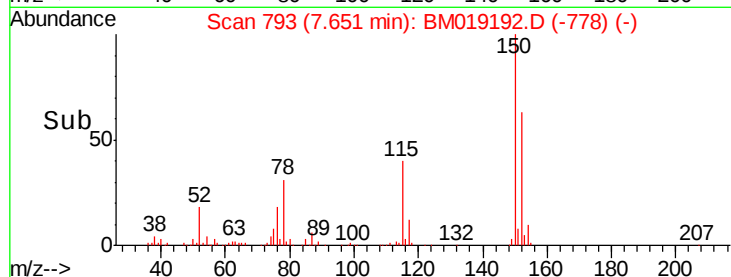


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

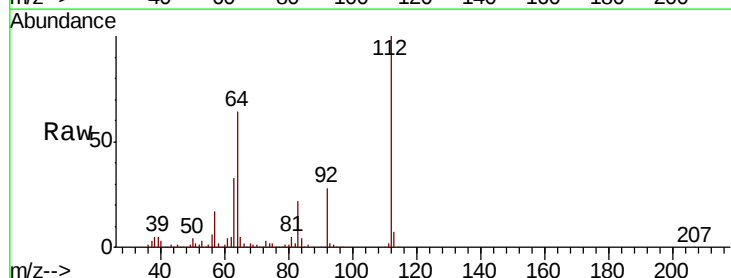
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
112	100		
64	64.2	51.4	77.0
63	32.7	26.6	40.0

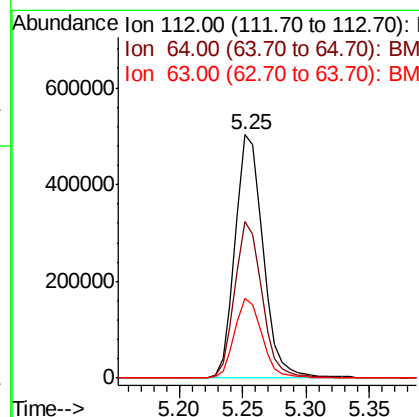
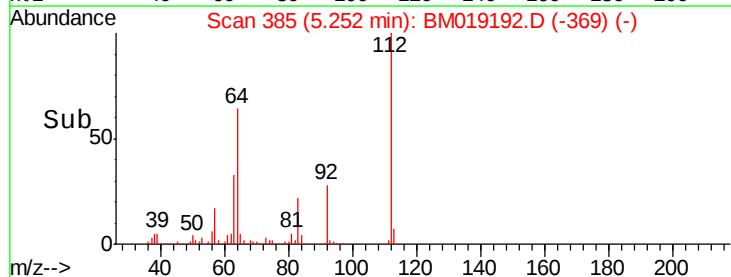


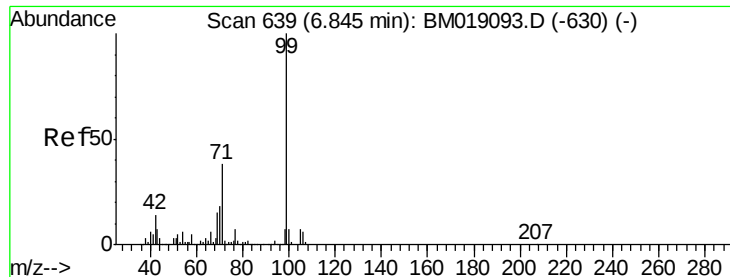
Abundance

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 :

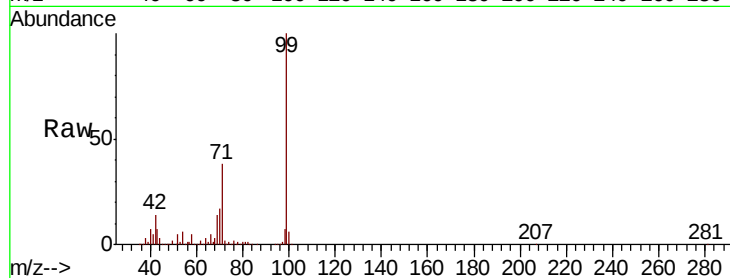
BNA_M

ClientSampleId :

T-618-LOOSE-CONCRETE

Tot Ion: 99 Resp: 1551304

Ion	Ratio	Lower	Upper
99	100		
42	14.1	10.9	16.3
71	37.8	30.3	45.5

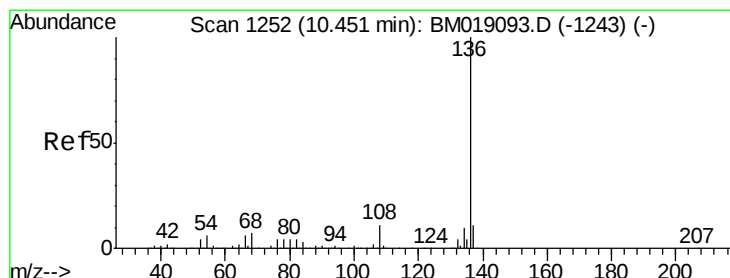
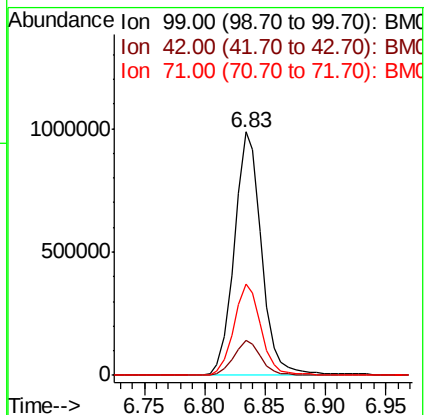
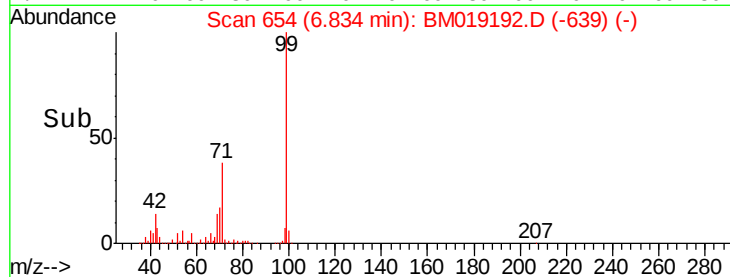


Abundance

Ion 99.00 (98.70 to 99.70): BM019192.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019192.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019192.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

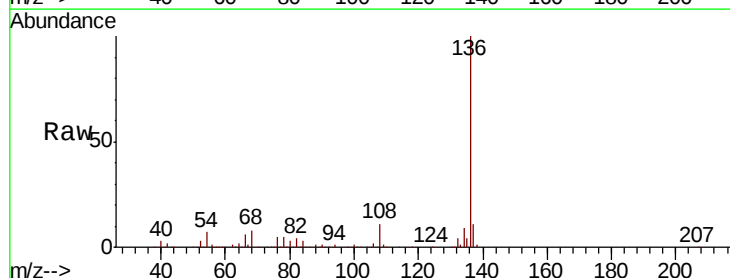
Delta R.T. -0.01 min

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



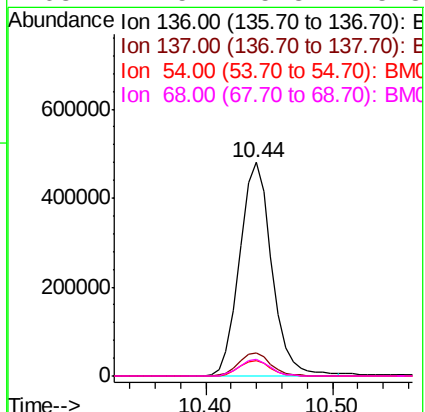
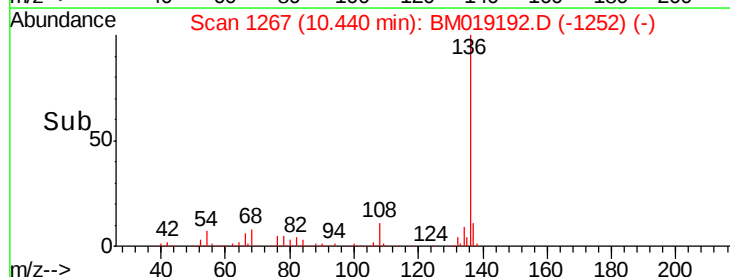
Abundance

Ion 136.00 (135.70 to 136.70): BM019192.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM019192.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM019192.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM019192.D (-1252) (-)

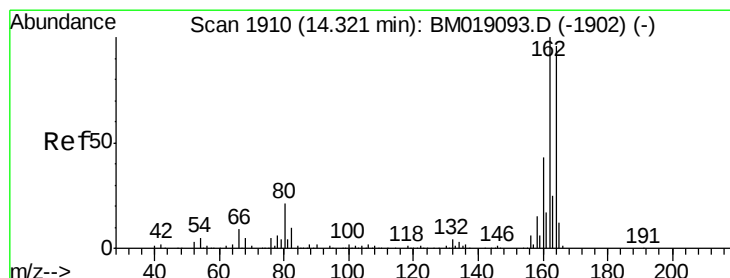
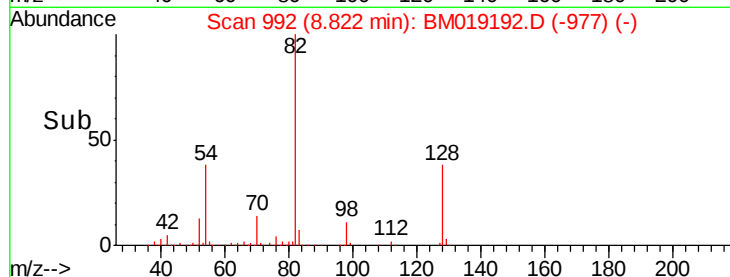
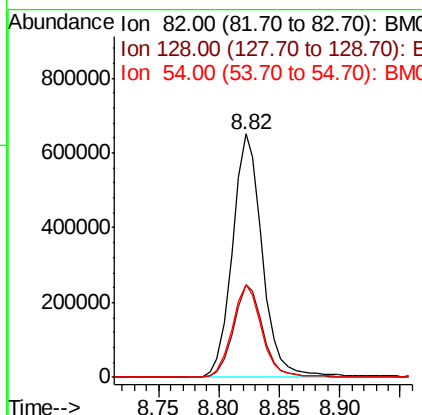
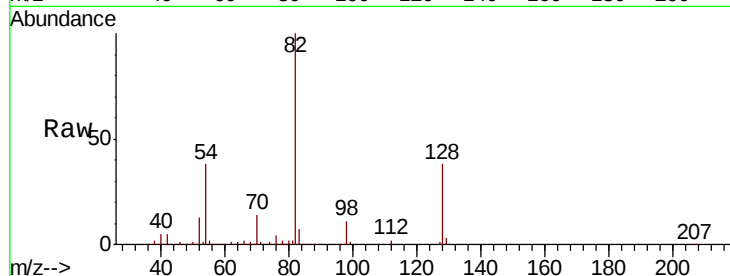




#23
Nitrobenzene-d5
Concen: 62.570 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019192.D
Acq: 15 Mar 2019 18:40

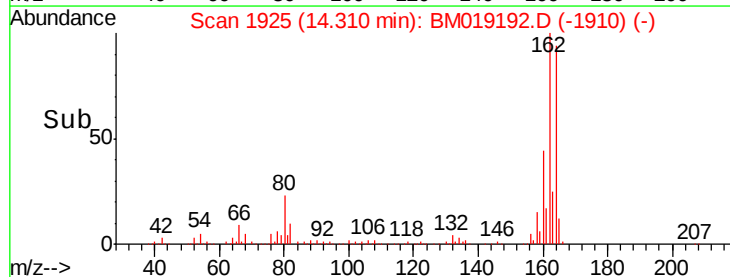
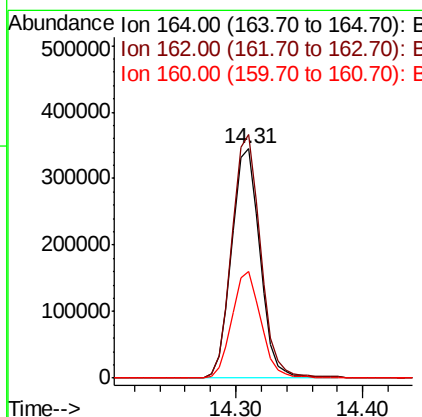
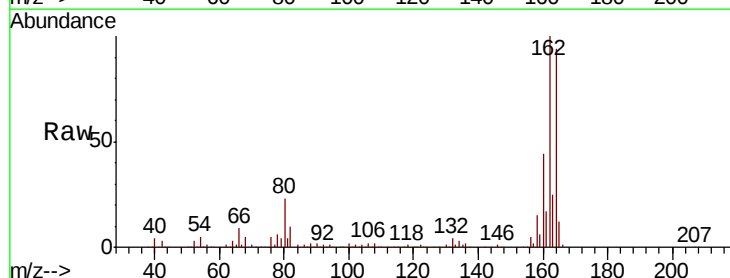
Instrument :
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ClientSampleId :
T-618-LOOSE-CONCRETE

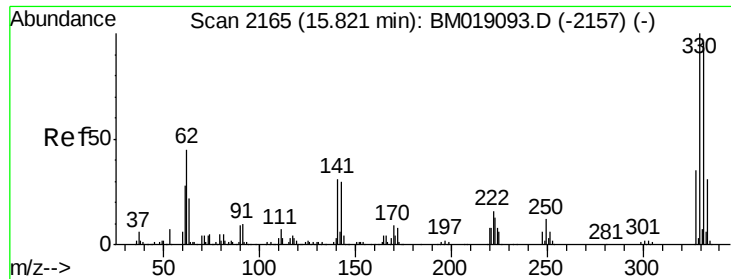
Tot Ion: 82 Resp: 1121822
Ion Ratio Lower Upper
82 100
128 37.8 29.4 44.2
54 37.9 29.9 44.9



#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

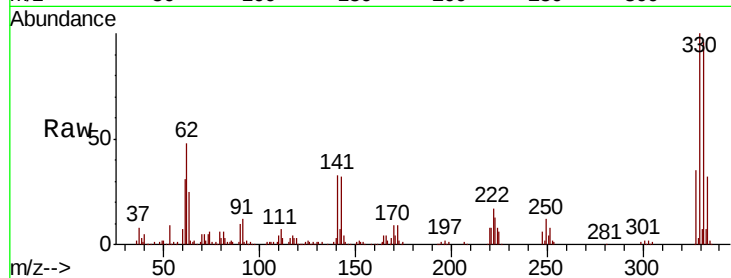




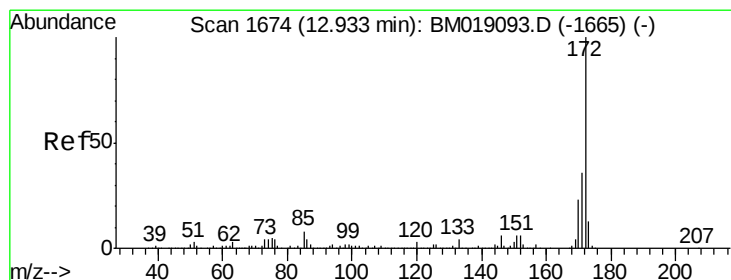
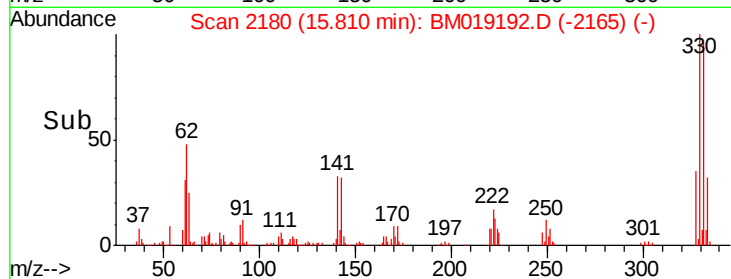
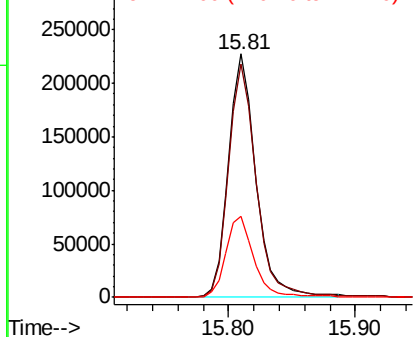
#42
 2,4,6-Tribromophenol
 Concen: 43.224 ng
 RT: 15.81 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BM019192.D
 Acq: 15 Mar 2019 18:40

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

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

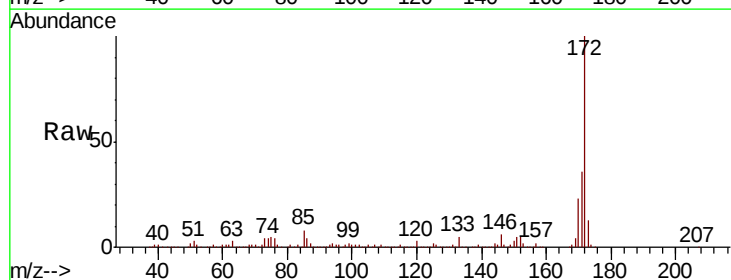


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

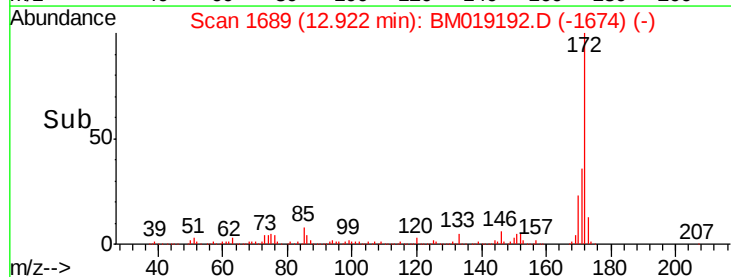
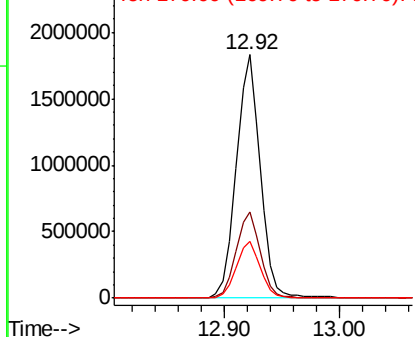


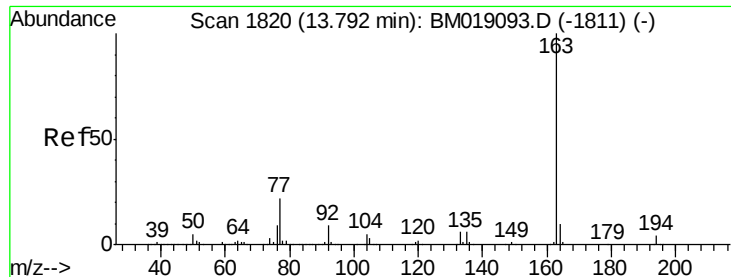
#45
 2-Fluorobiphenyl
 Concen: 63.832 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM019192.D
 Acq: 15 Mar 2019 18:40

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

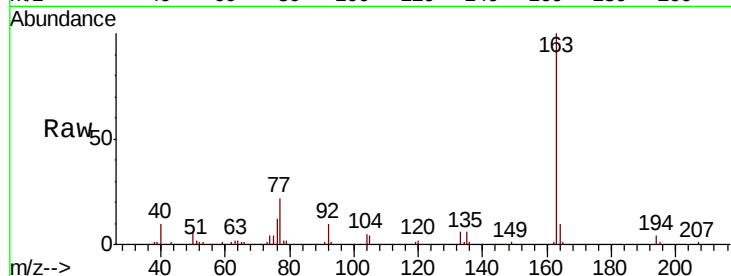
Tot Ion:163 Resp: 185127

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

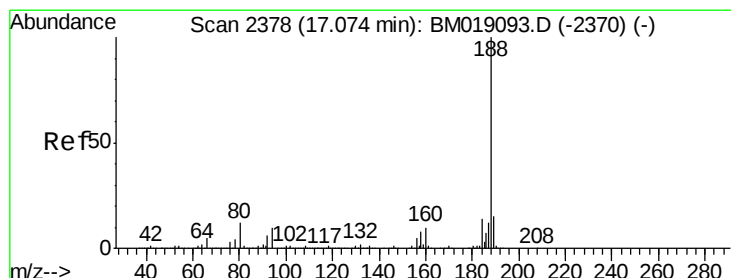
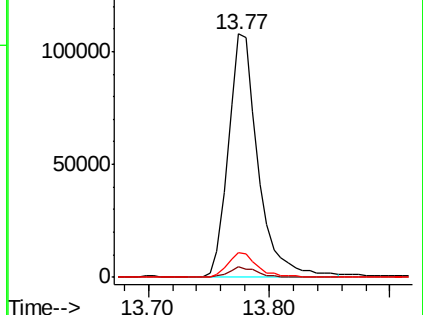
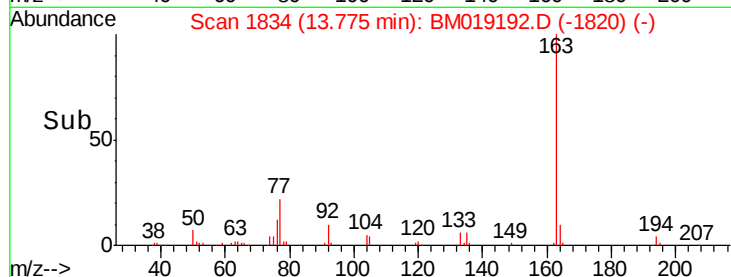
164 10.4 7.7 11.5



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

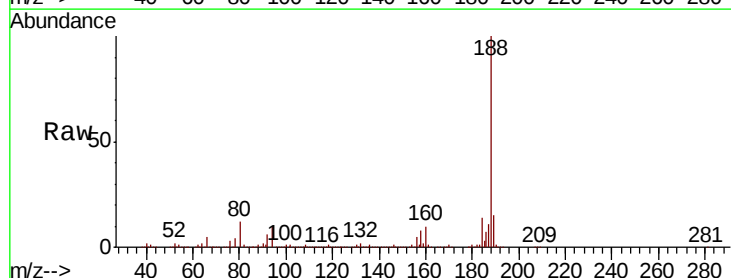
Tgt Ion:188 Resp: 1179861

Ion Ratio Lower Upper

188 100

94 10.4 8.1 12.1

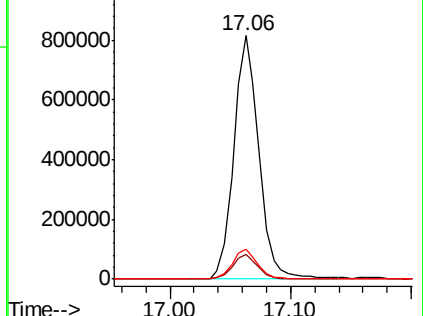
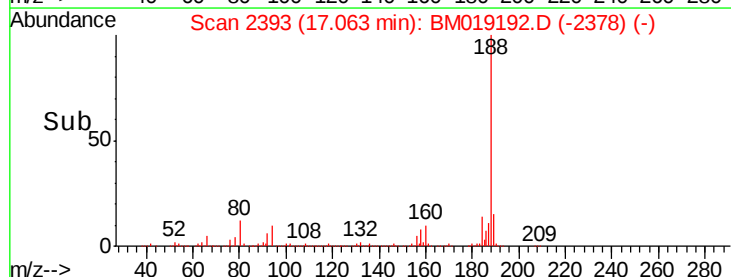
80 12.3 9.7 14.5

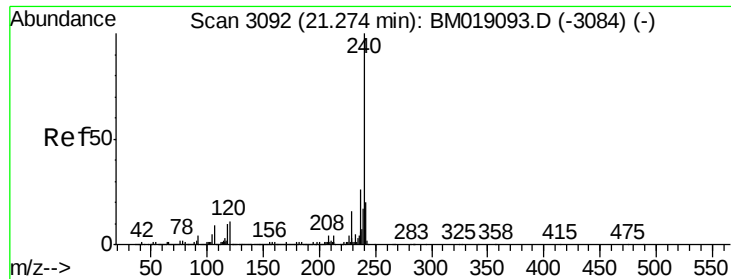


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

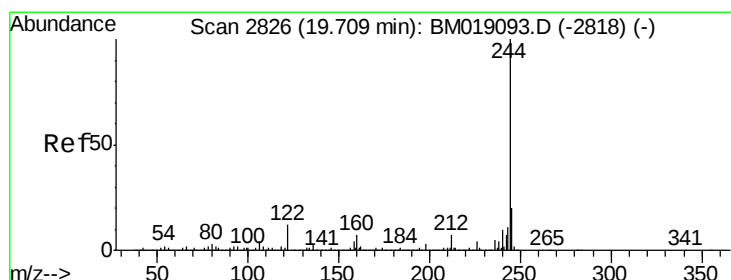
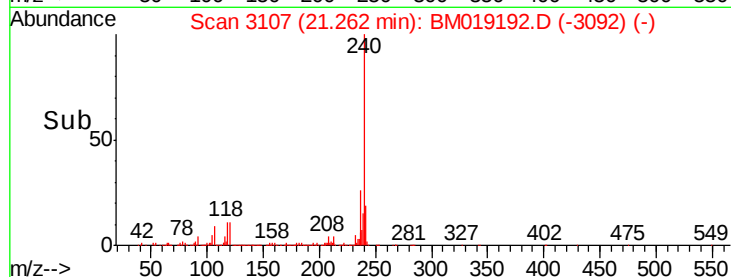
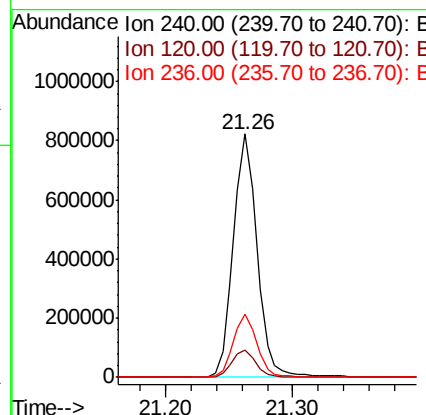
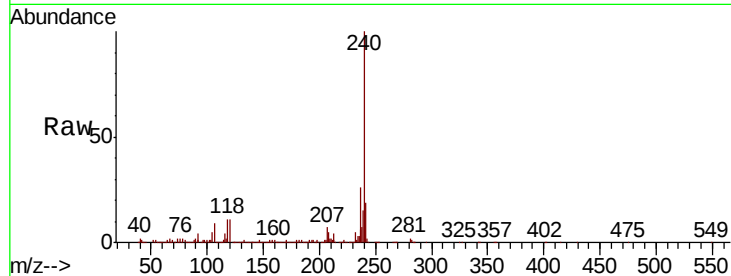




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019192.D
Acq: 15 Mar 2019 18:40

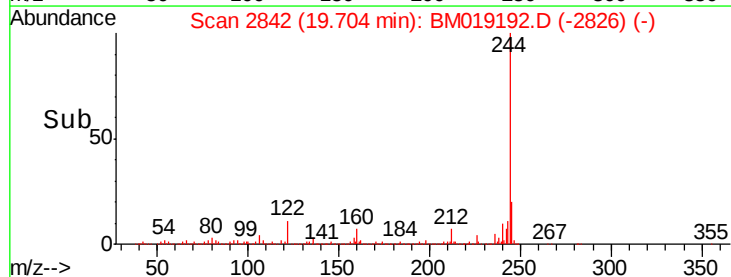
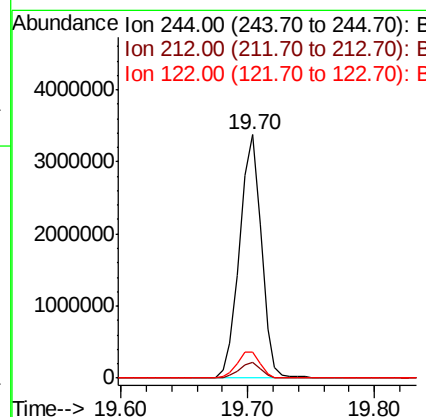
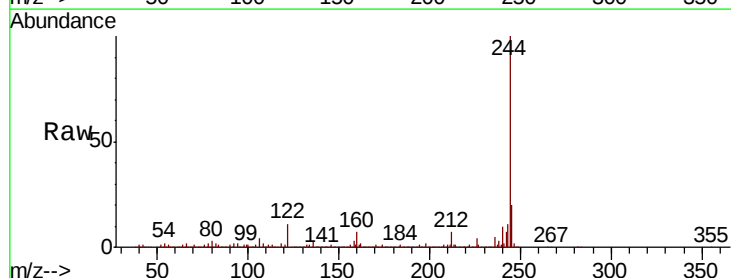
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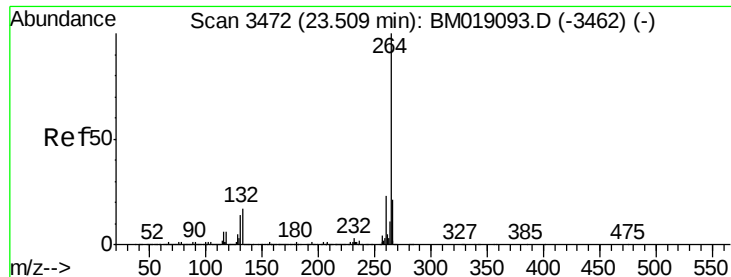
Tot Ion:240 Resp: 1068054
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.2 21.0 31.4



#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





#87
Pervlene-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 :
BNA_M
ClientSampleId :
T-618-LOOSE-CONCRETE

Tot Ion:264 Resp: 939101
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.7 17.3 25.9

