

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
 Data File : BM018989.D
 Acq On : 01 Mar 2019 16:32
 Operator : JU/SJ
 Sample : K1649-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TRE-FLOOR-SLAB

Quant Time: Mar 02 01:54:19 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

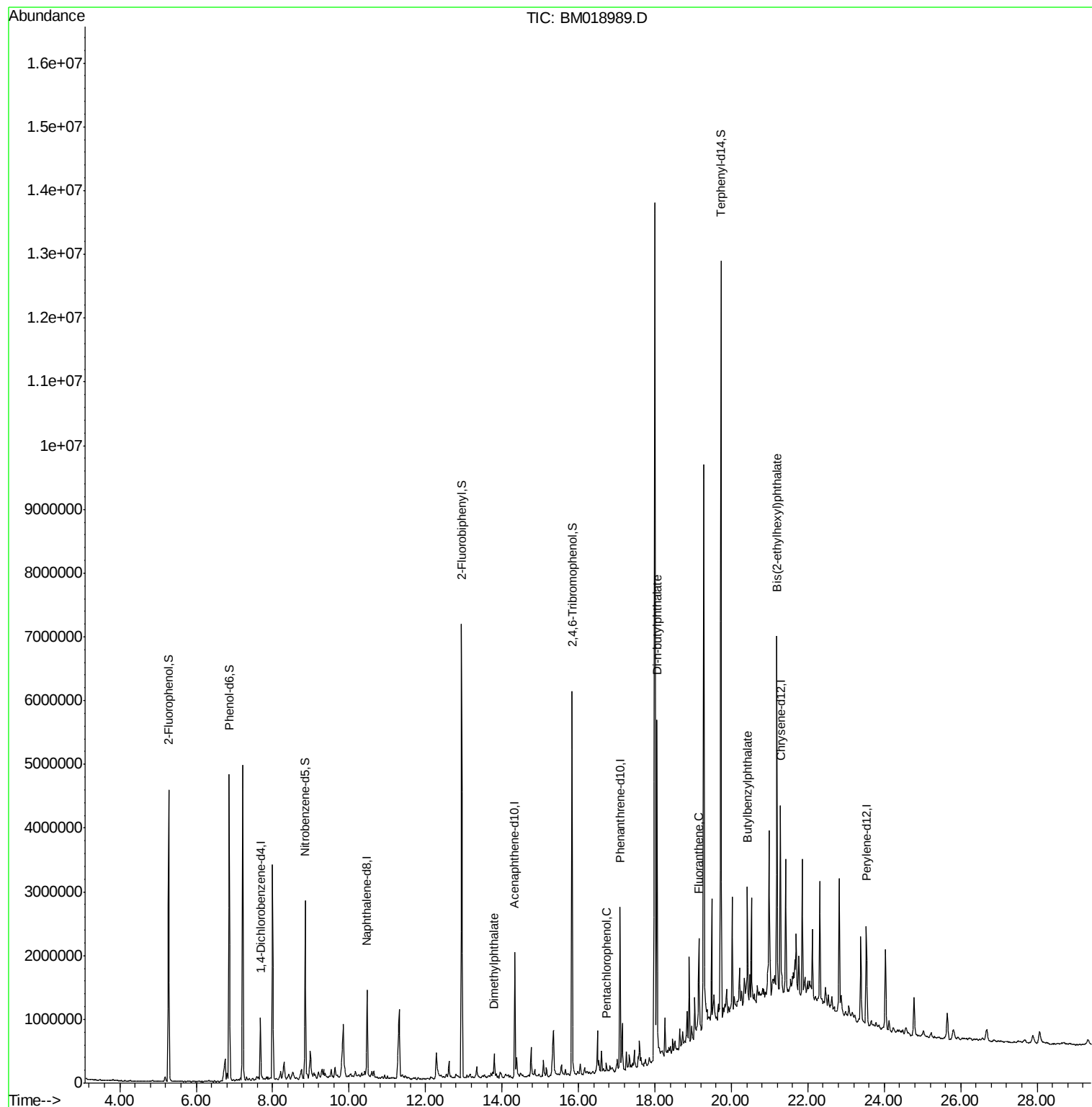
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	251011	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1036753	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	607099	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1333709	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	1178462	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1095428	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1881887	122.84	ng	-0.02
7) Phenol-d6	6.86	99	2714697	125.79	ng	-0.02
23) Nitrobenzene-d5	8.85	82	1705994	76.09	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1076180	122.98	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	3506072	76.66	ng	-0.04
79) Terphenyl-d14	19.73	244	5262958	92.13	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.80	163	207796	4.107	ng	100
70) Pentachlorophenol	16.74	266	24790	2.219	ng	93
74) Di-n-butylphthalate	18.06	149	3659780	43.660	ng	100
75) Fluoranthene	19.15	202	178143	2.152	ng	91
80) Butylbenzylphthalate	20.42	149	488639	15.665	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	1917628	42.004	ng	99

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

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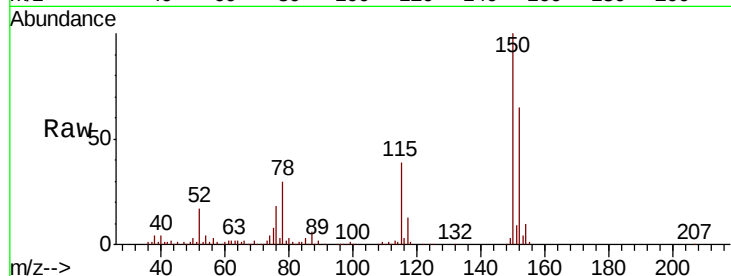


#1

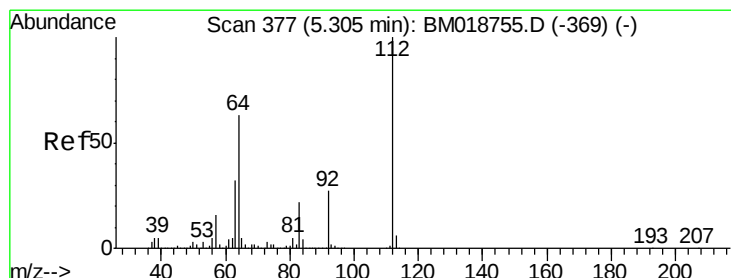
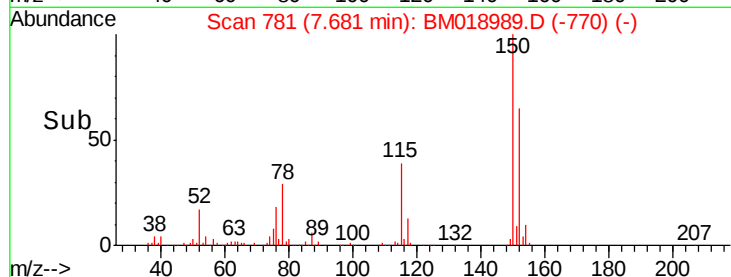
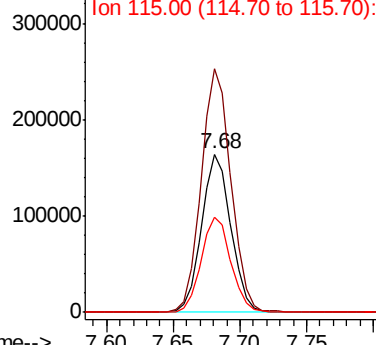
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM018989.D
Acq: 01 Mar 2019 16:32

Instrument :
BNA_M
ClientSampleId :
TRE-FLOOR-SLAB

Tot Ion:152 Resp: 251011
Ion Ratio Lower Upper
152 100
150 154.0 127.3 190.9
115 60.2 50.8 76.2



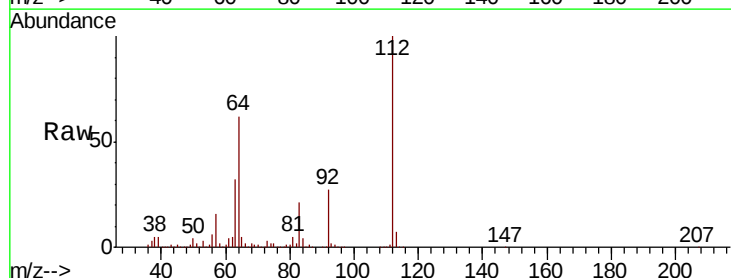
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



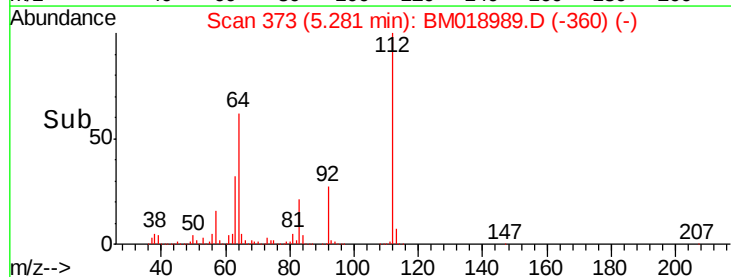
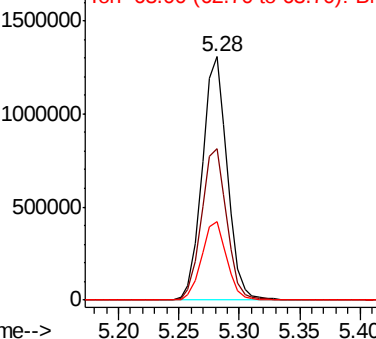
#5

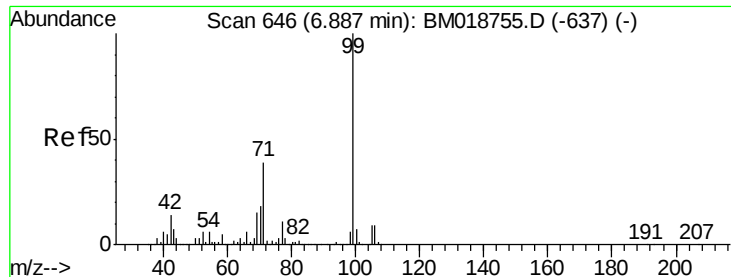
2-Fluorophenol
Concen: 122.840 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018989.D
Acq: 01 Mar 2019 16:32

Tgt Ion:112 Resp: 1881887
Ion Ratio Lower Upper
112 100
64 62.4 50.6 75.8
63 32.3 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: 125.786 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018989.D

Acq: 01 Mar 2019 16:32

Instrument :

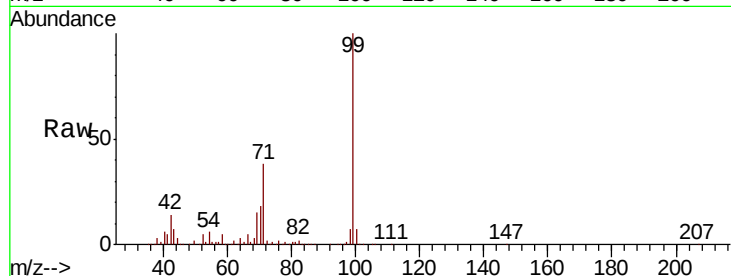
BNA_M

ClientSampleId :

TRE-FLOOR-SLAB

Tot Ion: 99 Resp: 2714697

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.0	16.6
71	38.2	31.3	46.9

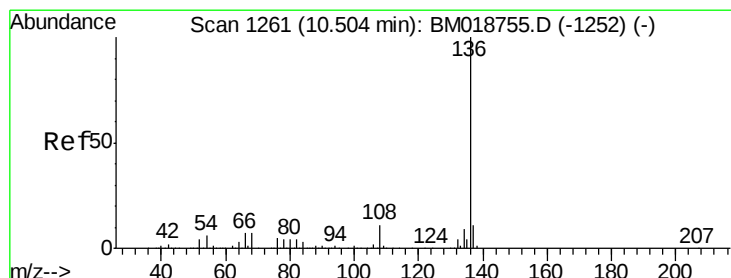
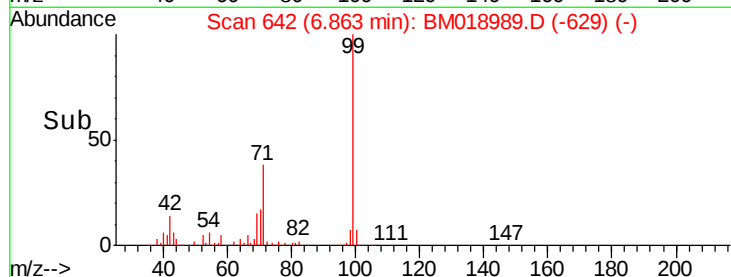
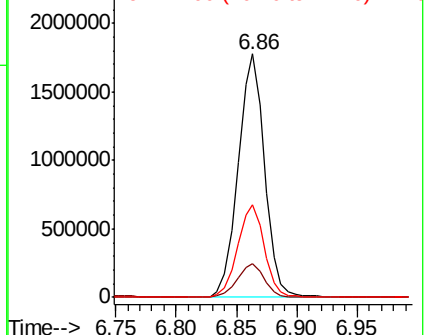


Abundance

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: 10.47 min Scan# 1255

Delta R.T. -0.04 min

Lab File: BM018989.D

Acq: 01 Mar 2019 16:32

Tgt Ion: 136 Resp: 1036753

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.0	7.6
68	7.4	5.5	8.3

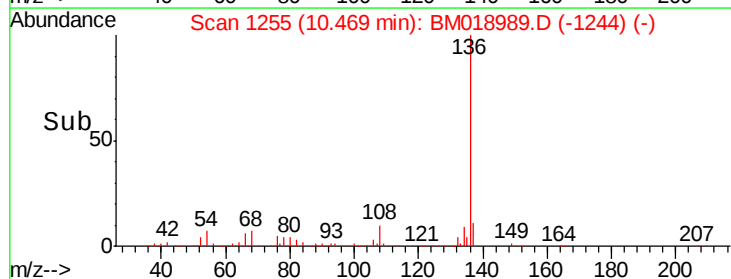
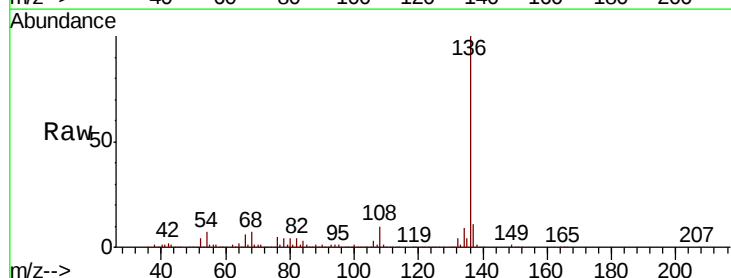
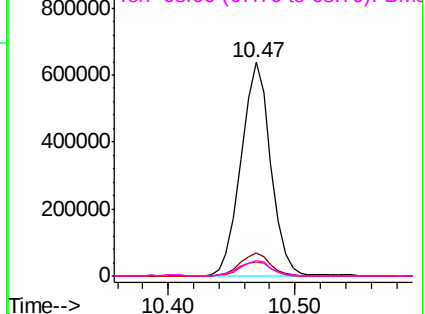
Abundance

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) (-)

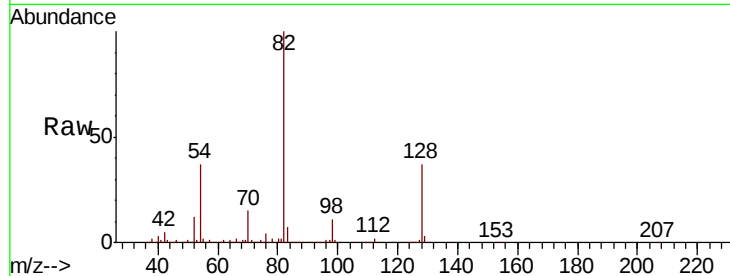




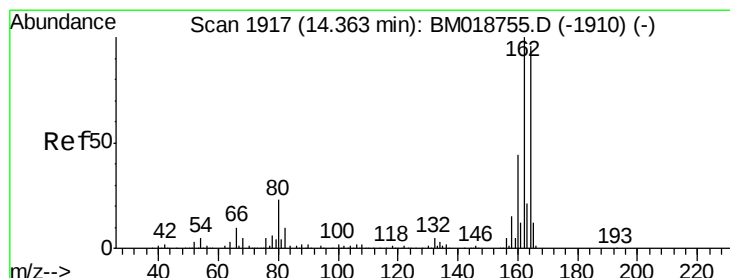
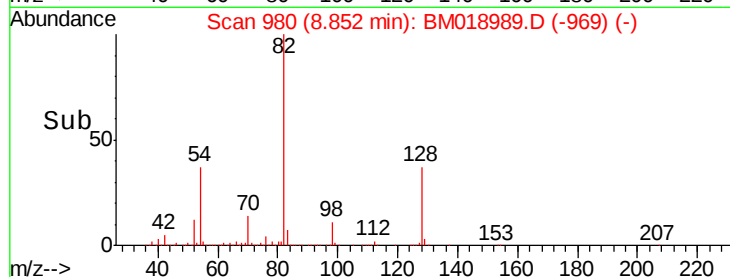
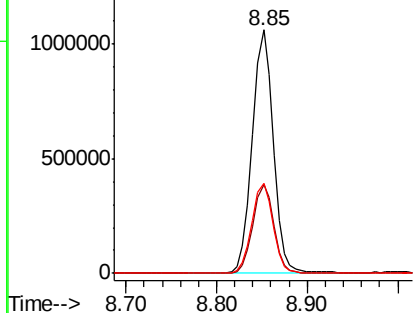
#23
Nitrobenzene-d5
Concen: 76.086 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BM018989.D
Acq: 01 Mar 2019 16:32

Instrument :
BNA_M
ClientSampleId :
TRE-FLOOR-SLAB

Tot Ion: 82 Resp: 1705994
Ion Ratio Lower Upper
82 100
128 36.7 29.9 44.9
54 36.9 29.1 43.7

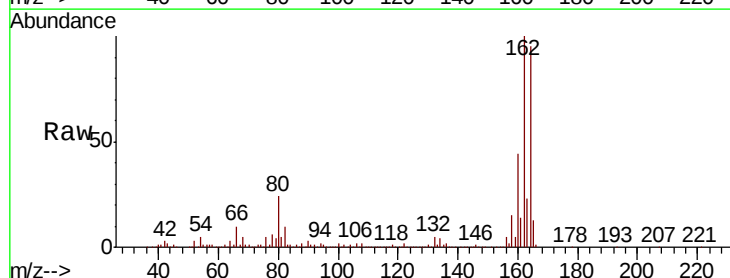


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

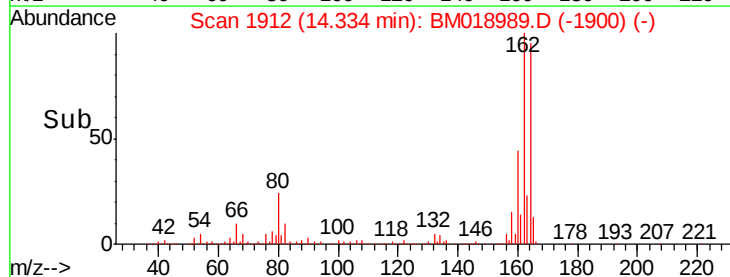
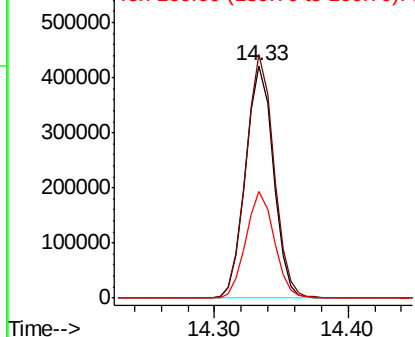


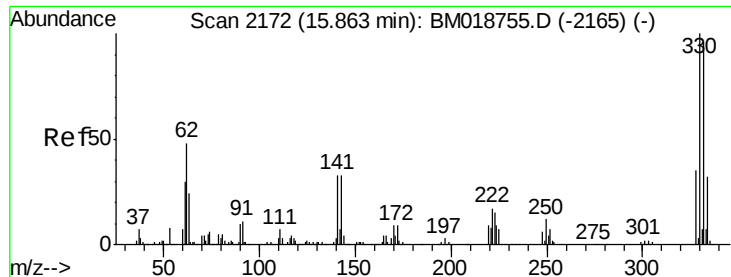
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM018989.D
Acq: 01 Mar 2019 16:32

Tgt Ion:164 Resp: 607099
Ion Ratio Lower Upper
164 100
162 104.8 83.4 125.0
160 45.9 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: 122.976 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BM018989.D

Acq: 01 Mar 2019 16:32

Instrument :

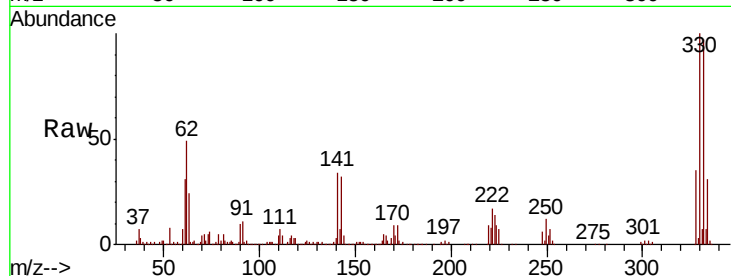
BNA_M

ClientSampleId :

TRE-FLOOR-SLAB

Tot Ion:330 Resp: 1076180

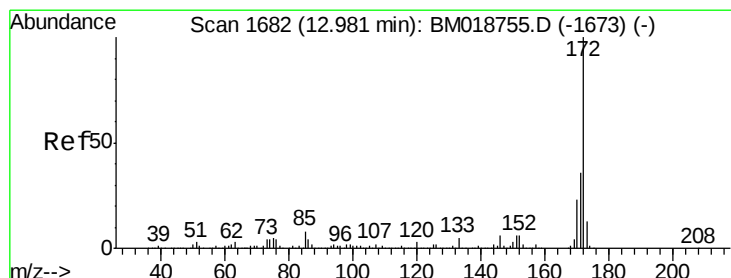
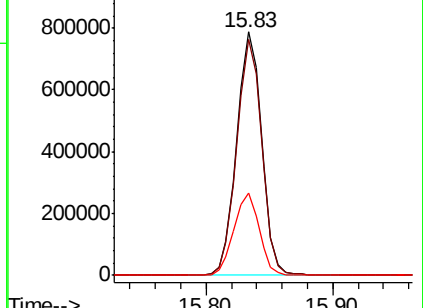
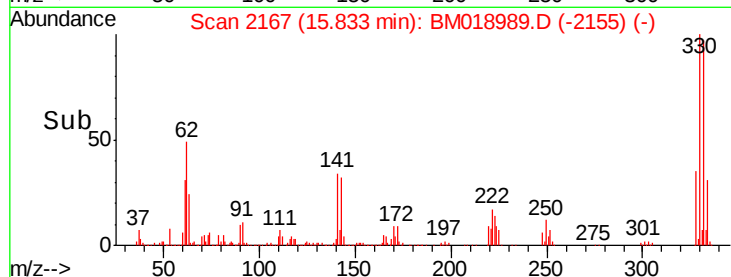
Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	33.9	28.7	43.1



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: 76.663 ng

RT: 12.95 min Scan# 1676

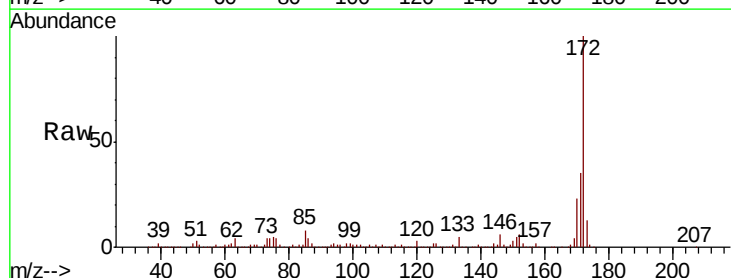
Delta R.T. -0.04 min

Lab File: BM018989.D

Acq: 01 Mar 2019 16:32

Tgt Ion:172 Resp: 3506072

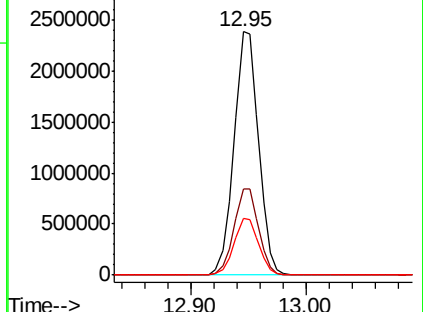
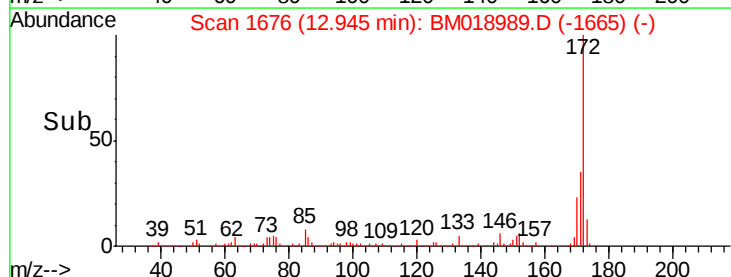
Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.6
170	23.3	18.6	28.0

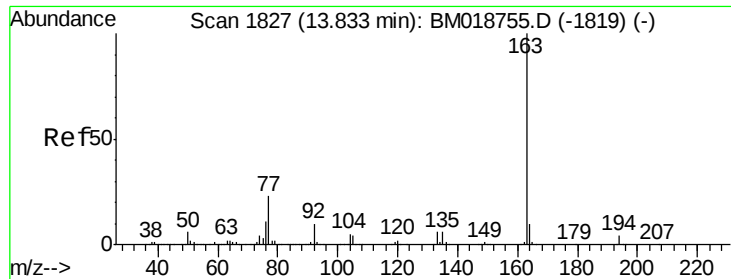


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.107 ng

RT: 13.80 min Scan# 1821

Delta R.T. -0.04 min

Lab File: BM018989.D

Acq: 01 Mar 2019 16:32

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TRE-FLOOR-SLAB

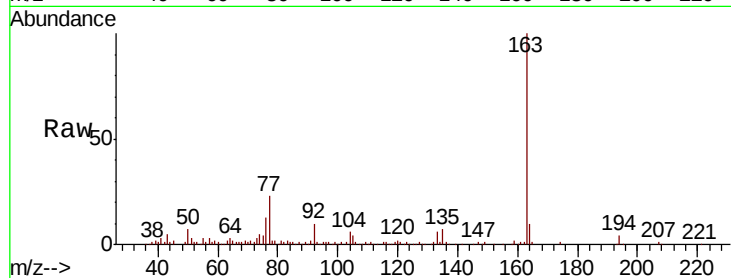
Tot Ion:163 Resp: 207796

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

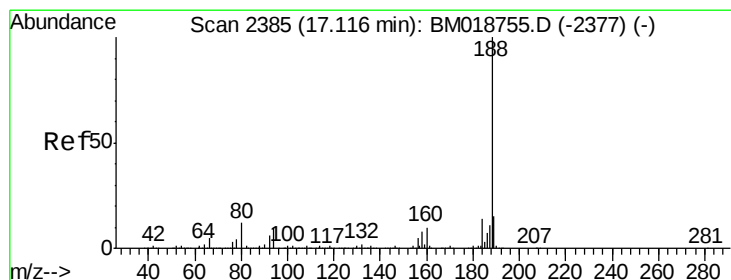
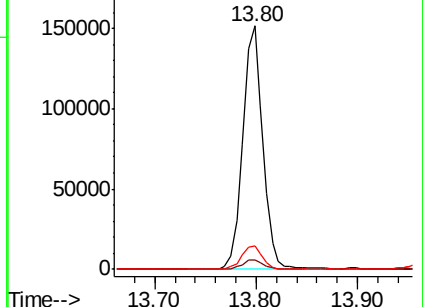
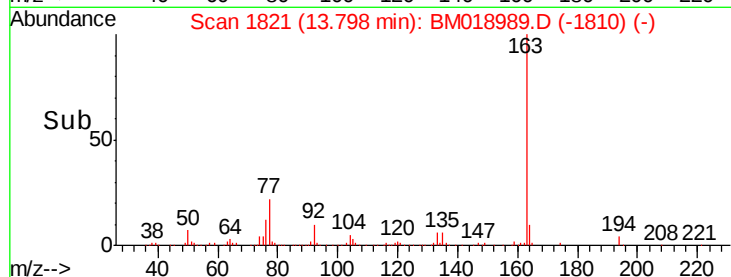
164 9.9 7.8 11.8



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# 2380

Delta R.T. -0.03 min

Lab File: BM018989.D

Acq: 01 Mar 2019 16:32

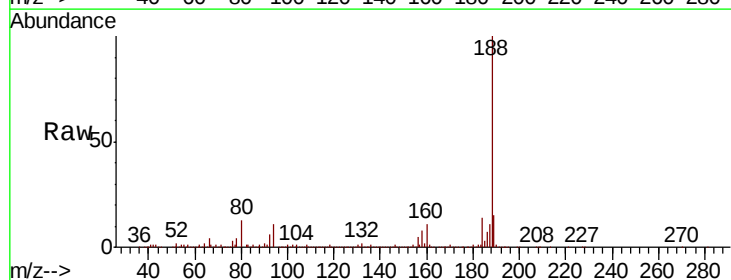
Tgt Ion:188 Resp: 1333709

Ion Ratio Lower Upper

188 100

94 10.8 8.2 12.2

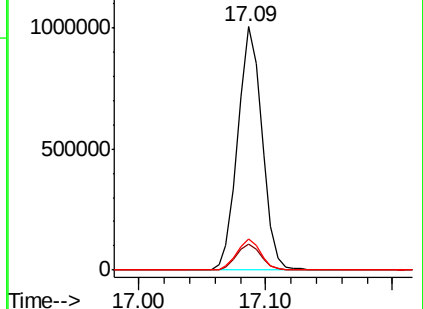
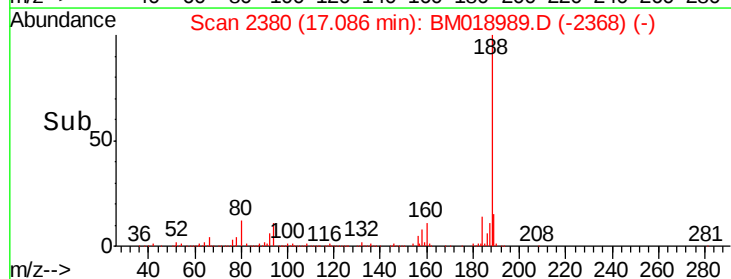
80 12.6 9.7 14.5

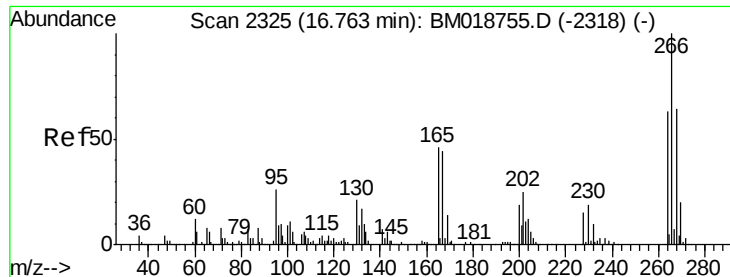


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

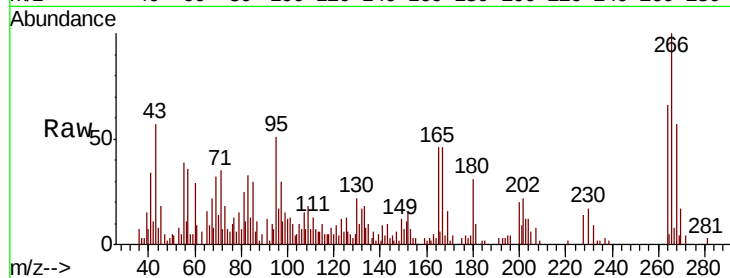




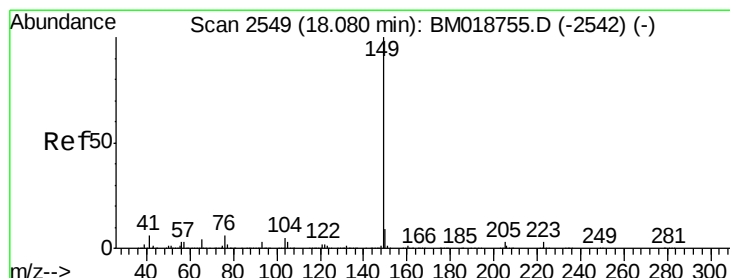
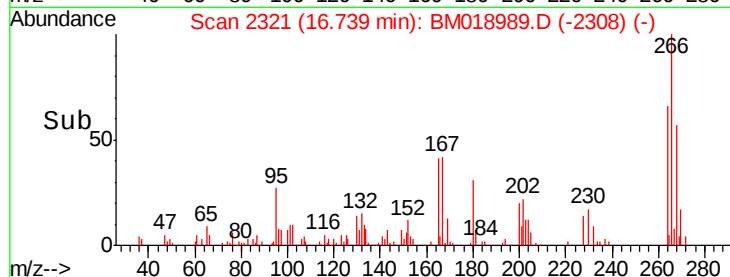
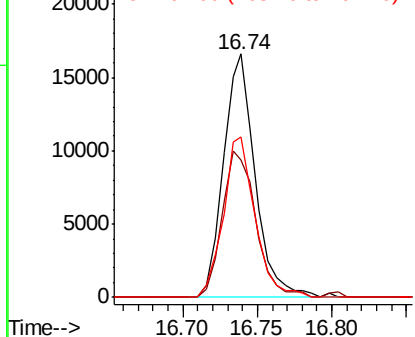
#70
 Pentachlorophenol
 Concen: 2.219 ng
 RT: 16.74 min Scan# 2321
 Delta R.T. -0.02 min
 Lab File: BM018989.D
 Acq: 01 Mar 2019 16:32

Instrument :
 BNA_M
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 TRE-FLOOR-SLAB

Tot Ion:266 Resp: 24790
 Ion Ratio Lower Upper
 266 100
 268 56.6 51.3 76.9
 264 65.8 50.6 75.8

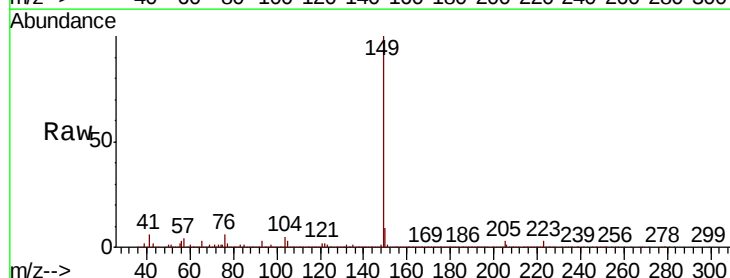


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

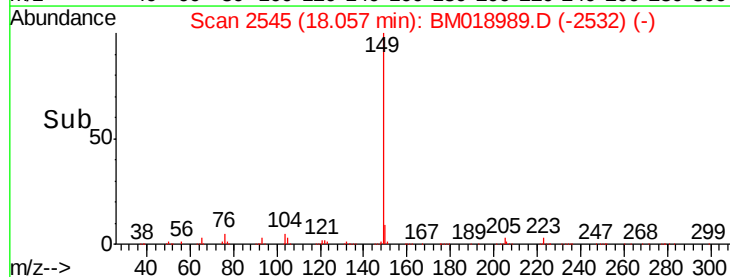
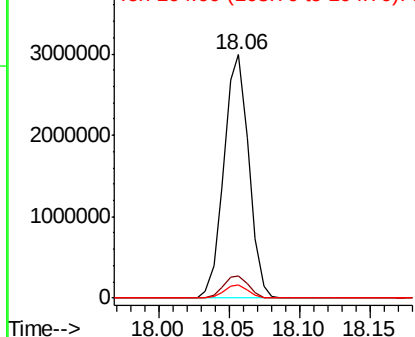


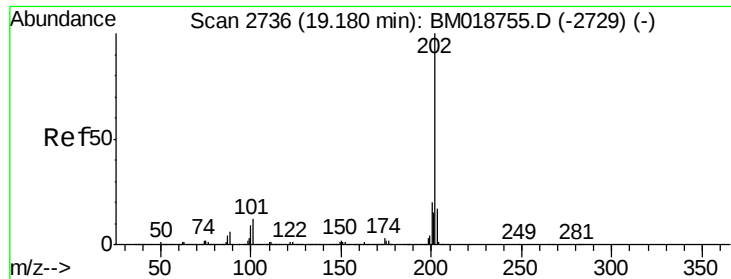
#74
 Di-n-butylphthalate
 Concen: 43.660 ng
 RT: 18.06 min Scan# 2545
 Delta R.T. -0.02 min
 Lab File: BM018989.D
 Acq: 01 Mar 2019 16:32

Tgt Ion:149 Resp: 3659780
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.3 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 2.152 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.03 min

Lab File: BM018989.D

Acq: 01 Mar 2019 16:32

Instrument :

BNA_M

ClientSampleId :

TRE-FLOOR-SLAB

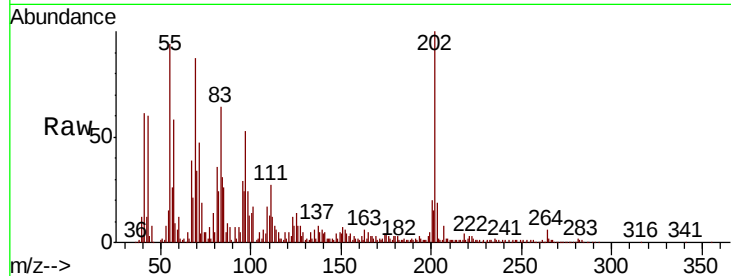
Tot Ion:202 Resp: 178143

Ion Ratio Lower Upper

202 100

101 17.2 0.0 31.5

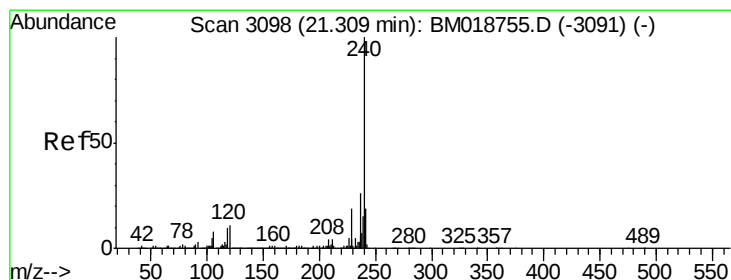
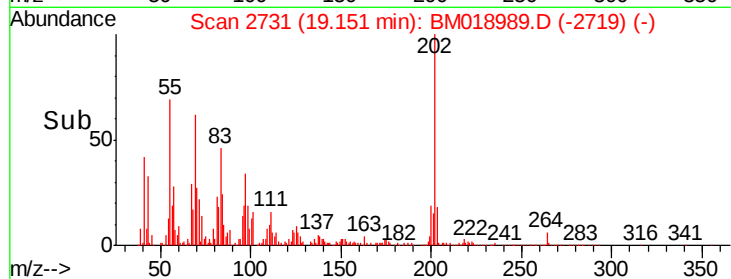
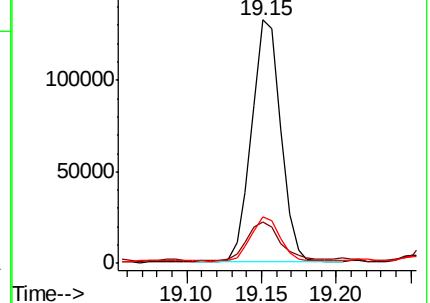
203 19.3 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BM018989.D

Acq: 01 Mar 2019 16:32

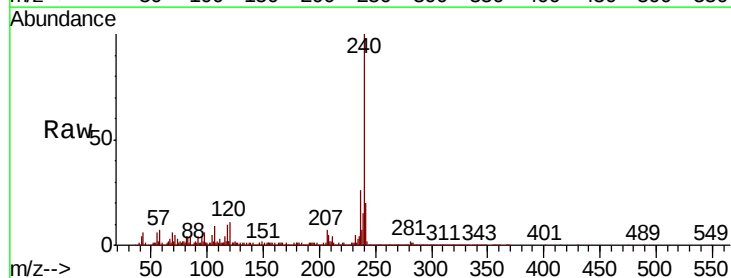
Tgt Ion:240 Resp: 1178462

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

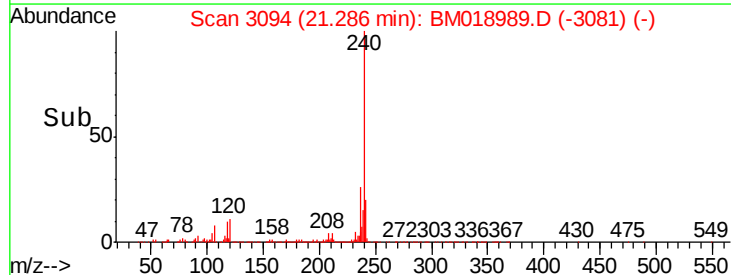
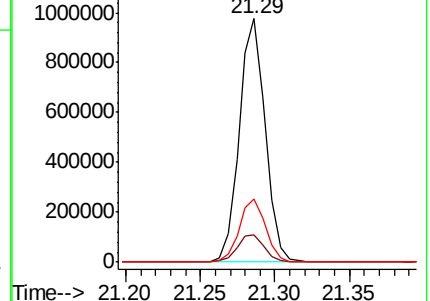
236 25.9 20.9 31.3

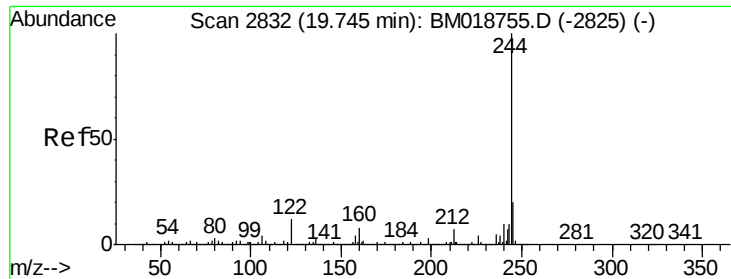


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

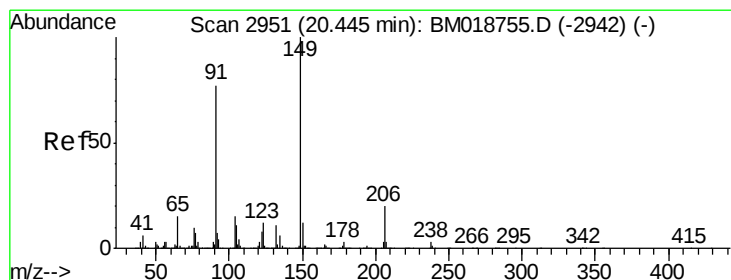
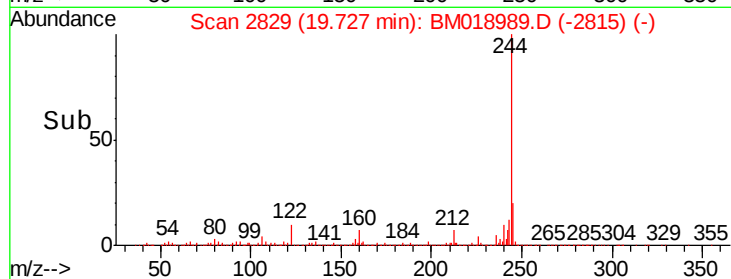
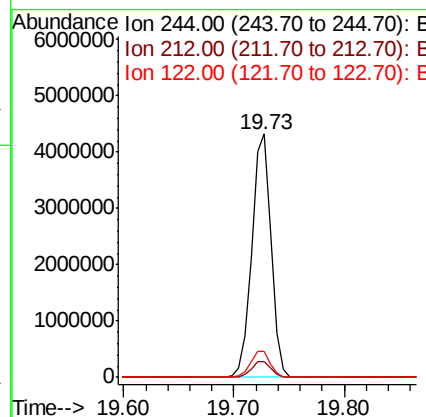
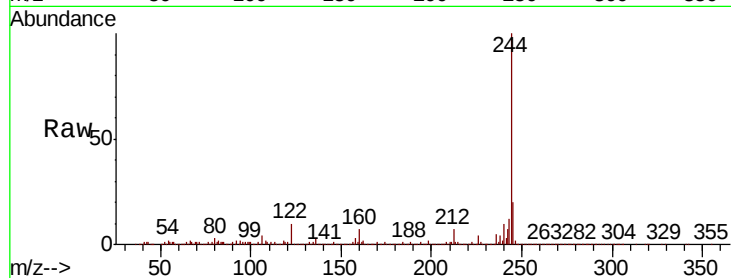




#79
 Terphenyl-d14
 Concen: 92.128 ng
 RT: 19.73 min Scan# 2829
 Delta R.T. -0.02 min
 Lab File: BM018989.D
 Acq: 01 Mar 2019 16:32

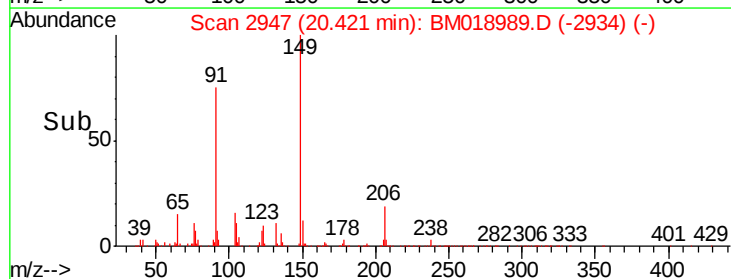
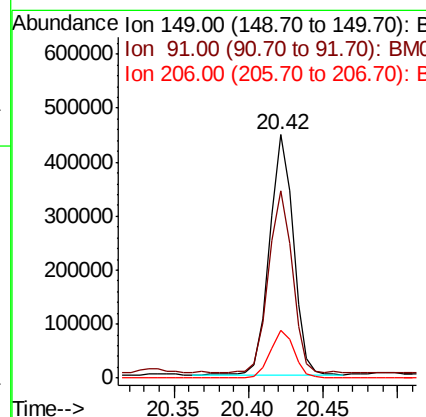
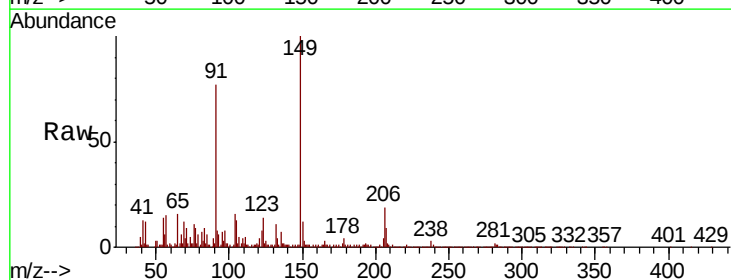
Instrument :
 BNA_M
 ClientSampleId :
 TRE-FLOOR-SLAB

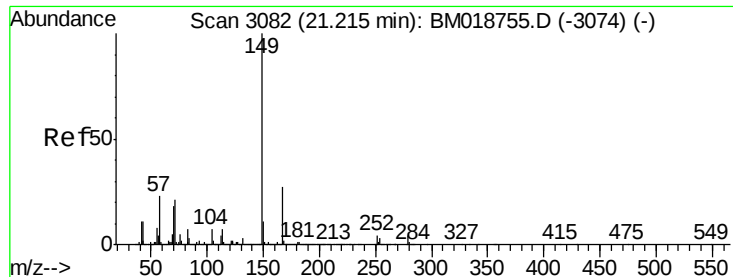
Tot Ion:244 Resp: 5262958
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.5 9.3 13.9



#80
 Butylbenzylphthalate
 Concen: 15.665 ng
 RT: 20.42 min Scan# 2947
 Delta R.T. -0.02 min
 Lab File: BM018989.D
 Acq: 01 Mar 2019 16:32

Tgt Ion:149 Resp: 488639
 Ion Ratio Lower Upper
 149 100
 91 77.1 61.4 92.0
 206 19.5 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 42.004 ng

RT: 21.19 min Scan# 3078

Delta R.T. -0.02 min

Lab File: BM018989.D

Acq: 01 Mar 2019 16:32

Instrument :

BNA_M

ClientSampleId :

TRE-FLOOR-SLAB

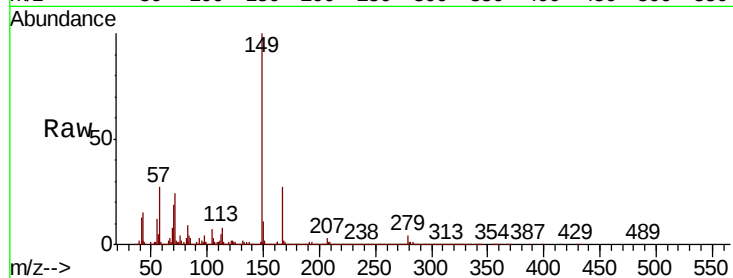
Tot Ion:149 Resp: 1917628

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.8	32.6
279	4.2	3.6	5.4

149 100

167 26.7 21.8 32.6

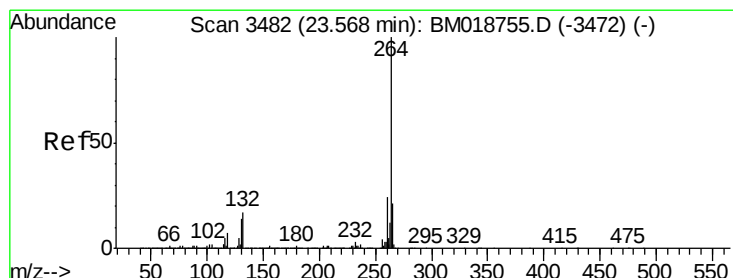
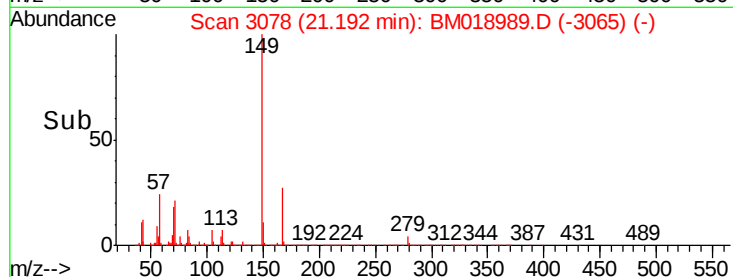
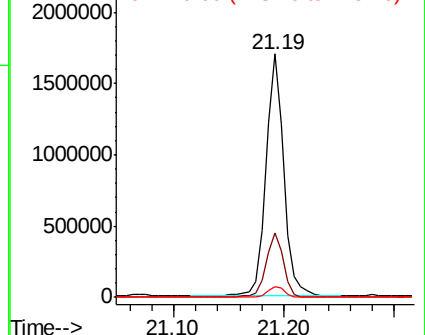
279 4.2 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3476

Delta R.T. -0.04 min

Lab File: BM018989.D

Acq: 01 Mar 2019 16:32

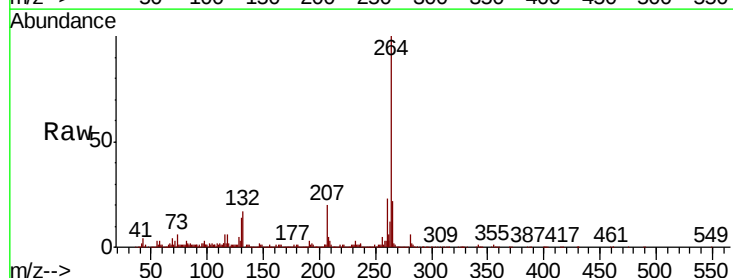
Tgt Ion:264 Resp: 1095428

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.8	17.3	25.9

264 100

260 23.4 18.9 28.3

265 21.8 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

