

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 01 22:24:45 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

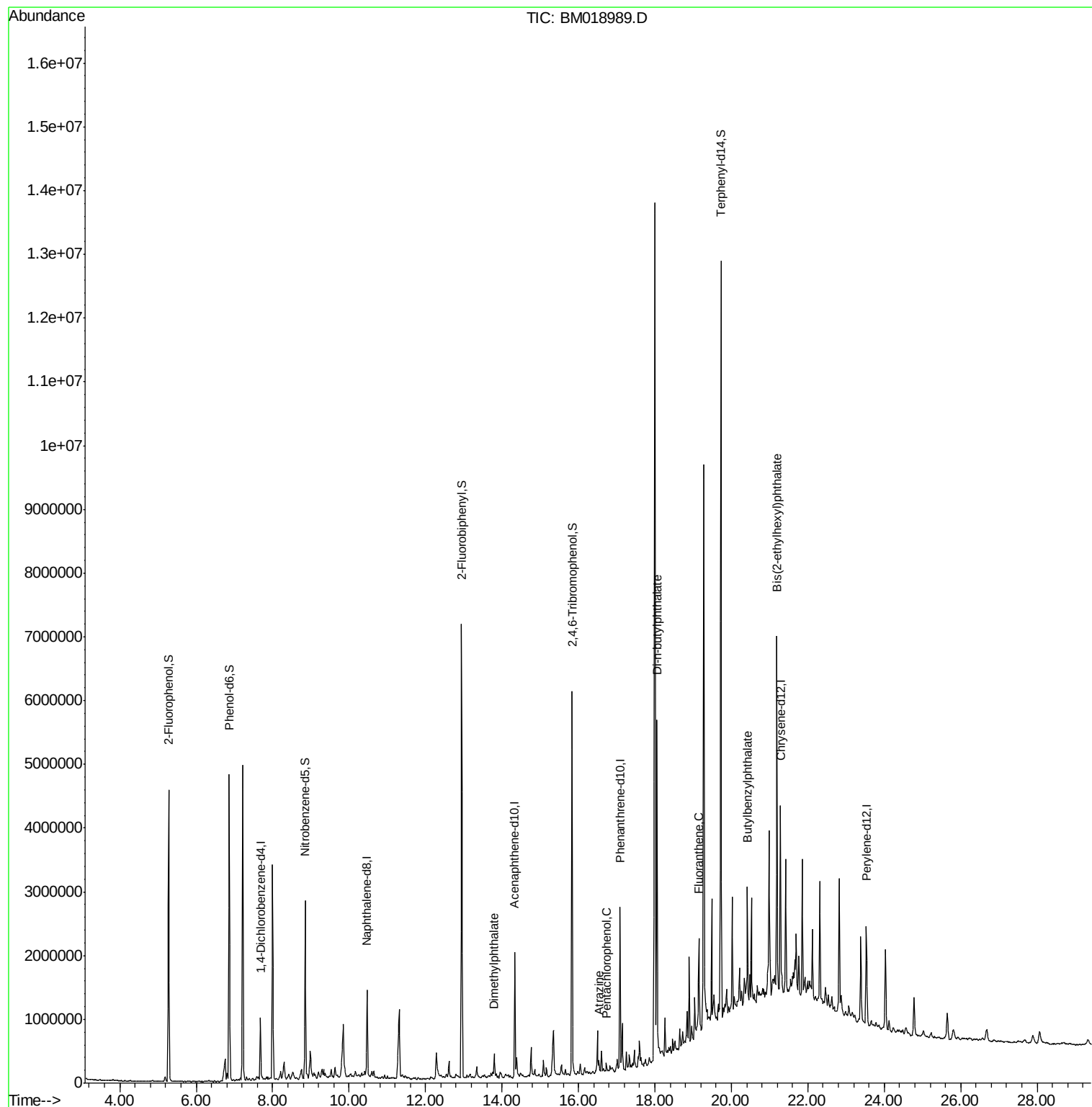
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	251011	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1036753	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	607099	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1333709	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	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						
9) Benzaldehyde	6.86	77	8273	Below Cal		Qvalue # 27
50) Dimethylphthalate	13.80	163	207796	4.107 ng		100
69) Atrazine	16.54	200	27915	2.055 ng	#	38
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

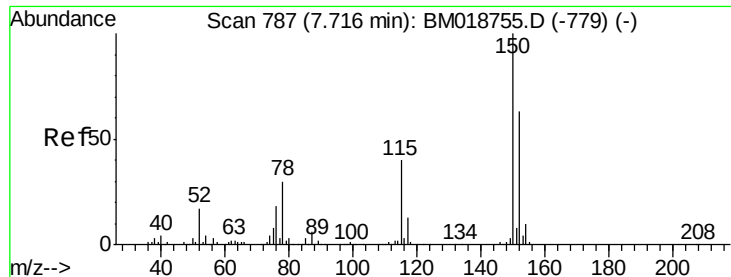
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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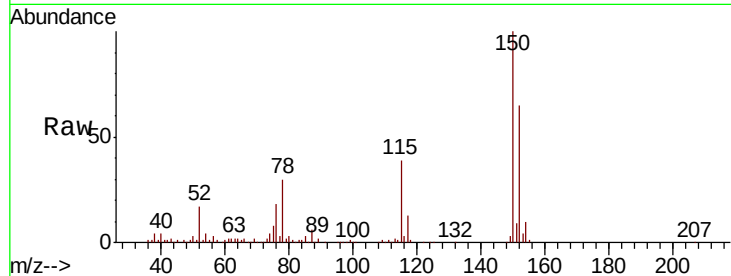


#1

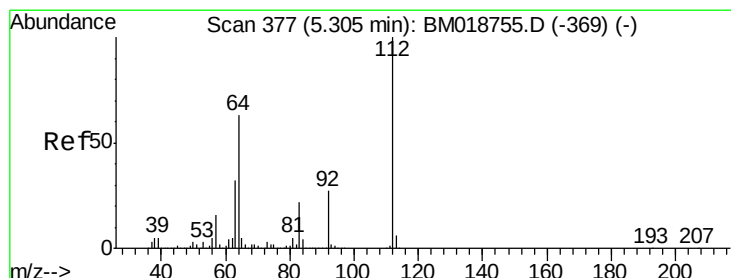
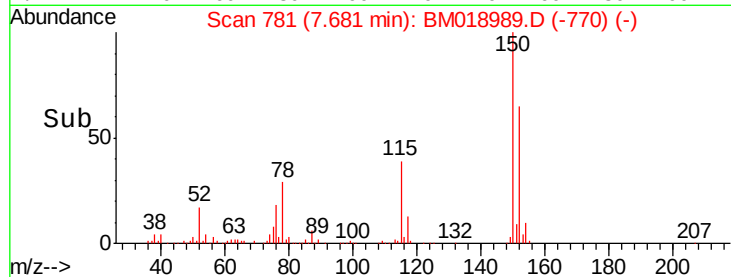
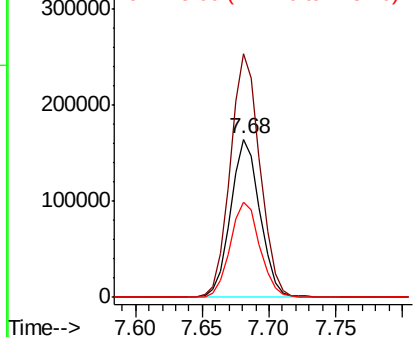
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM018989.D
Acq: 01 Mar 2019 16:32

Instrument :
BNA_M
ClientSampleId :
TRE-FLOOR-SLAB

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



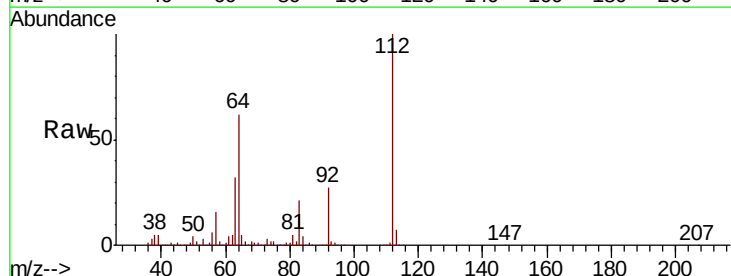
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



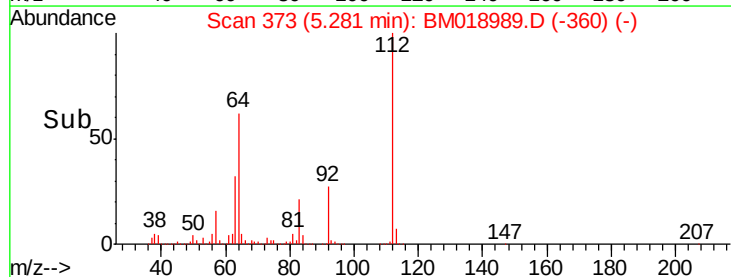
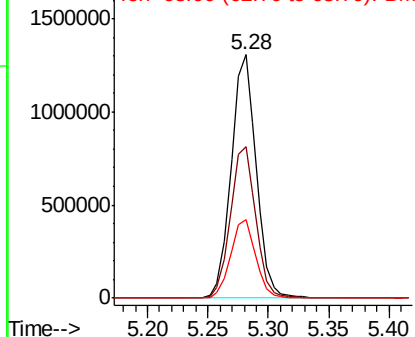
#5

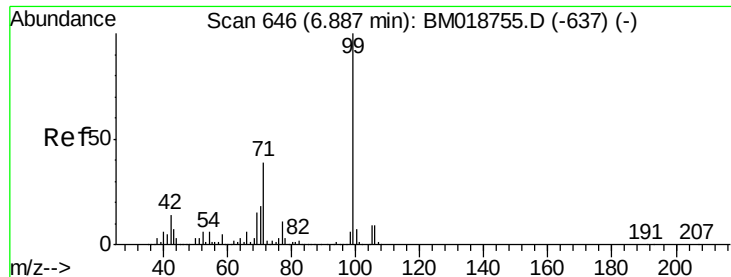
2-Fluorophenol
Concen: 122.840 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018989.D
Acq: 01 Mar 2019 16:32

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

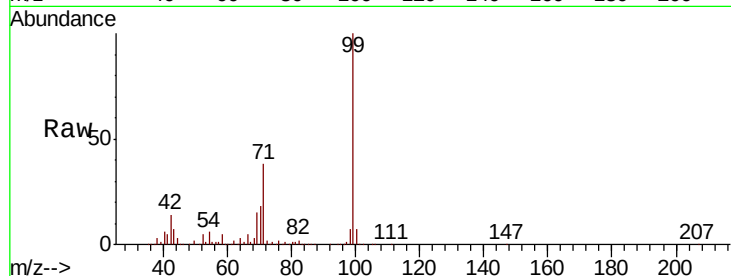
Tgt Ion: 99 Resp: 2714697

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

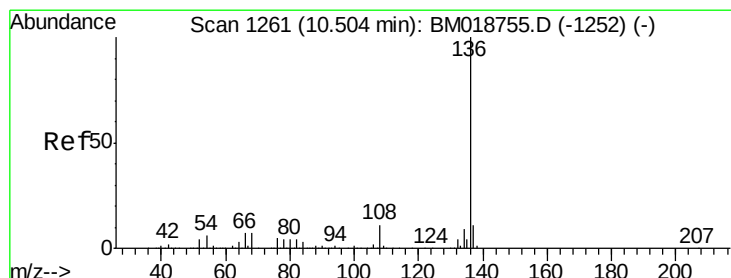
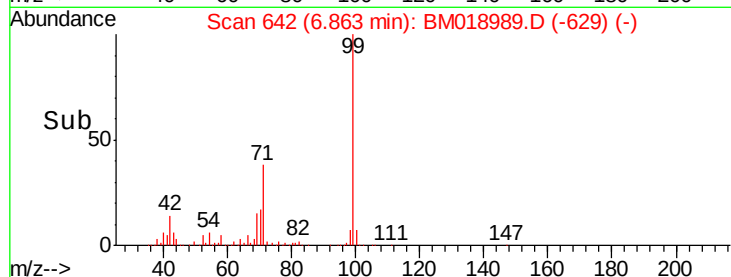
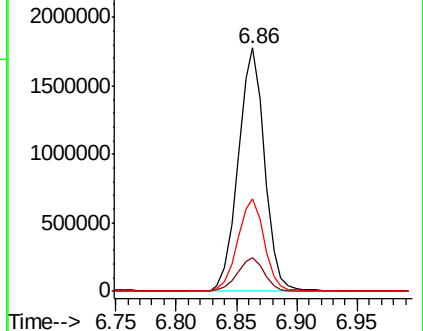
71 38.2 31.3 46.9



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

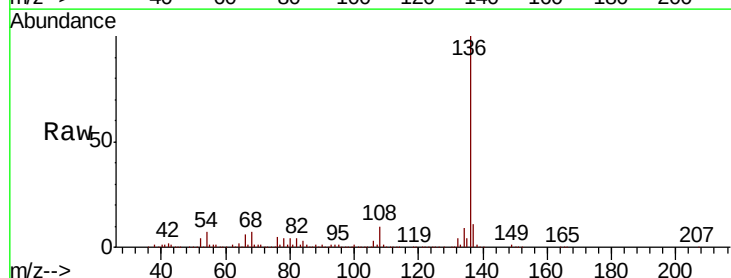
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.9 5.0 7.6

68 7.4 5.5 8.3

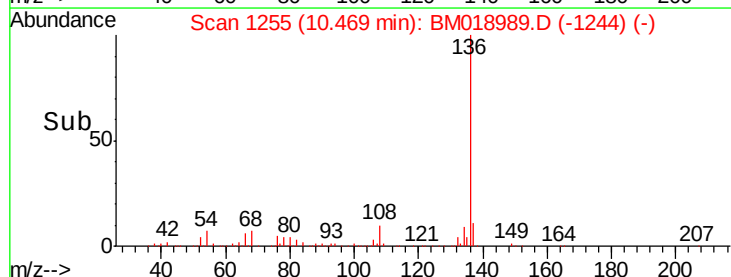
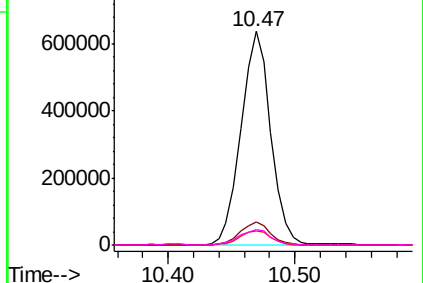


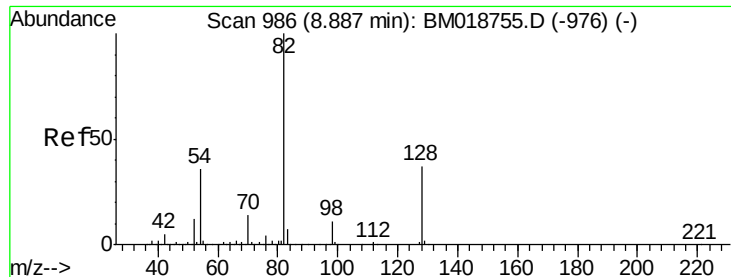
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

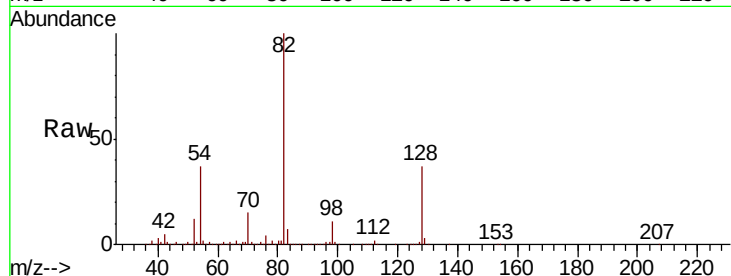




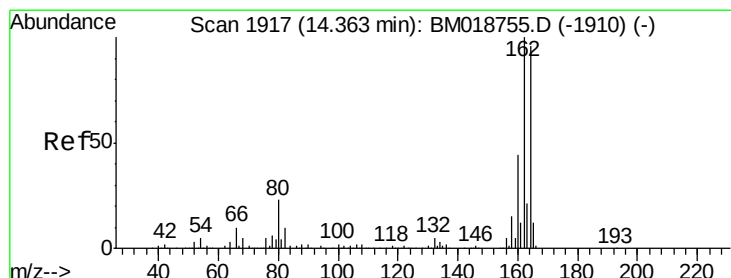
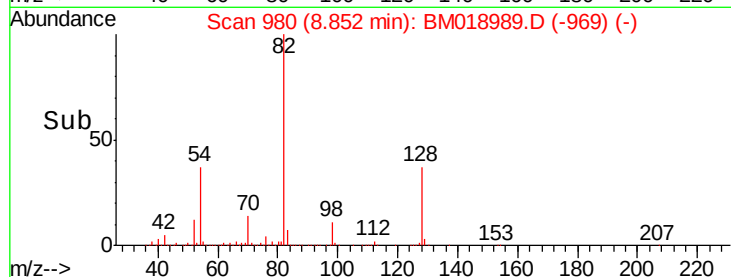
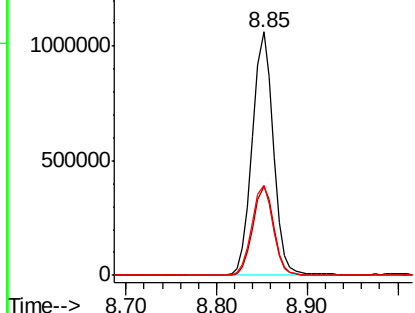
#23
 Nitrobenzene-d5
 Concen: 76.086 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.04 min
 Lab File: BM018989.D
 Acq: 01 Mar 2019 16:32

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 TRE-FLOOR-SLAB

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

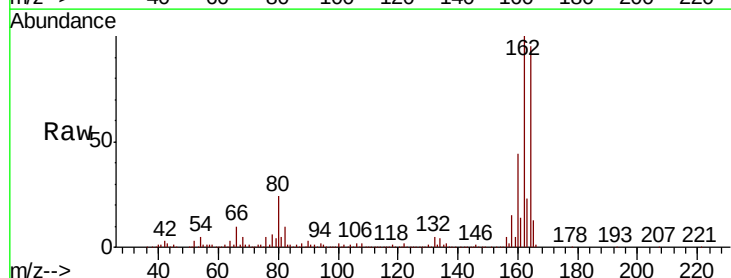


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
 Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
 Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

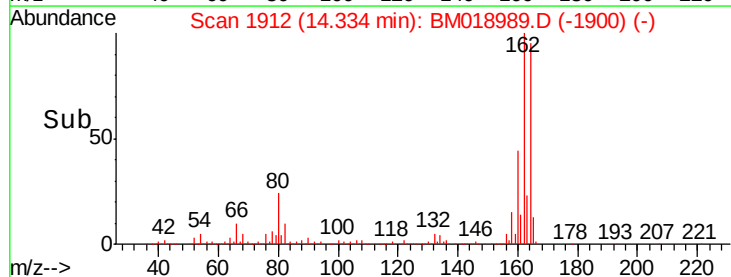
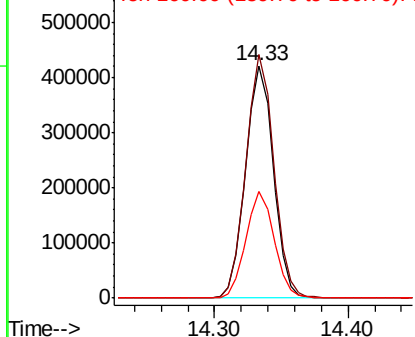


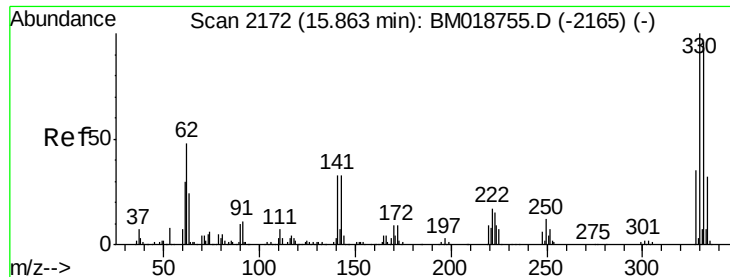
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.03 min
 Lab File: BM018989.D
 Acq: 01 Mar 2019 16:32

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) (-)

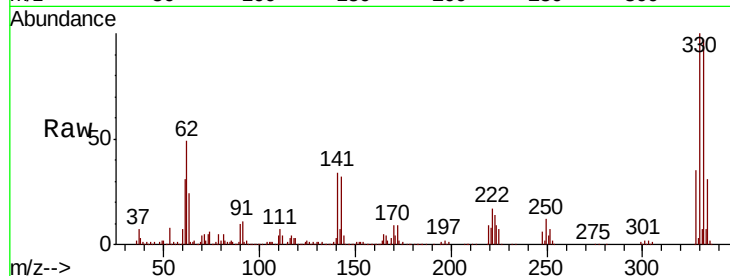




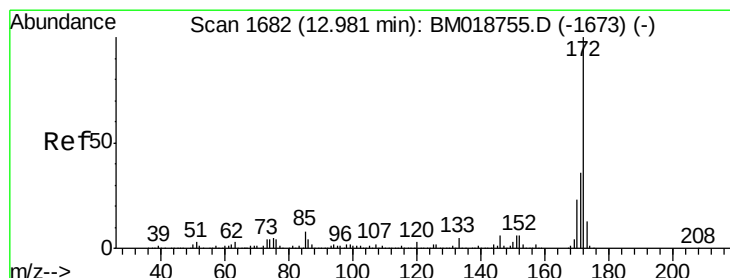
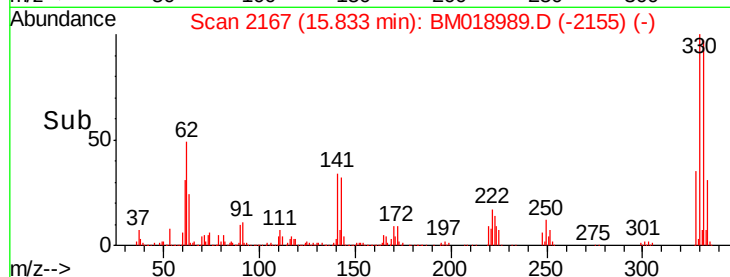
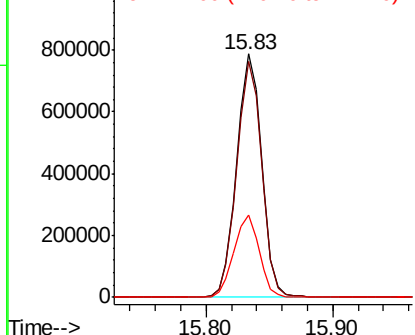
#42
 2,4,6-Tribromophenol
 Concen: 122.976 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM018989.D
 Acq: 01 Mar 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 TRE-FLOOR-SLAB

Tgt Ion:330 Resp: 1076180
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.9 115.3
 141 33.9 28.7 43.1

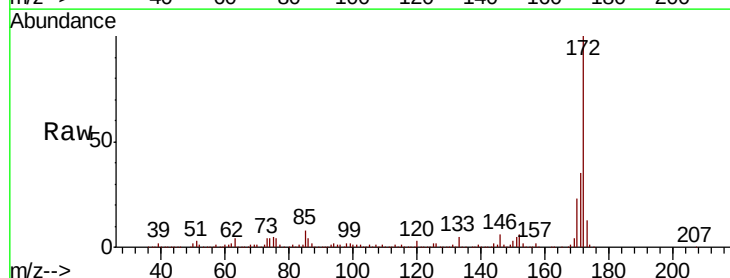


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

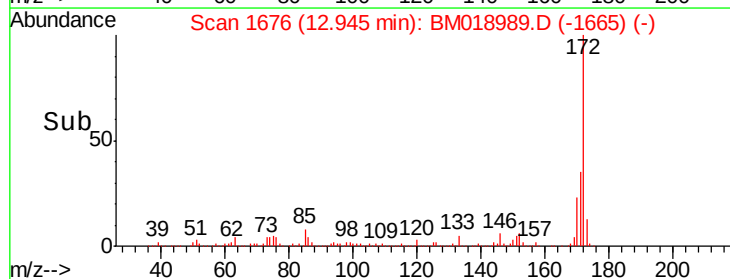
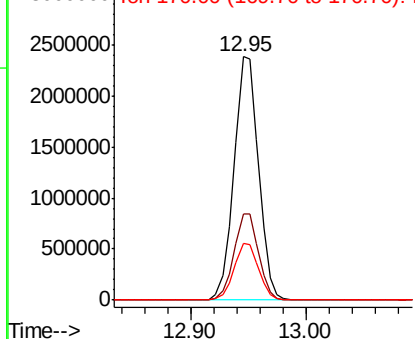


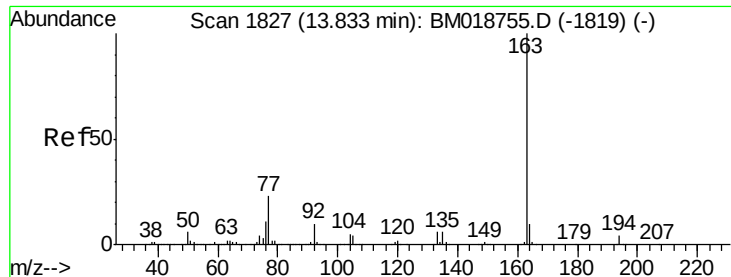
#45
 2-Fluorobiphenyl
 Concen: 76.663 ng
 RT: 12.95 min Scan# 1676
 Delta R.T. -0.04 min
 Lab File: BM018989.D
 Acq: 01 Mar 2019 16:32

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

Instrument :

BNA_M

ClientSampleId :

TRE-FLOOR-SLAB

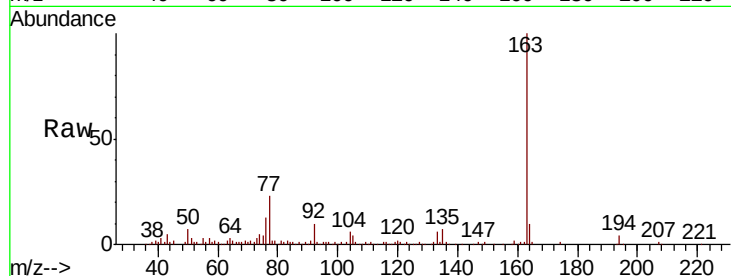
Tgt Ion:163 Resp: 207796

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

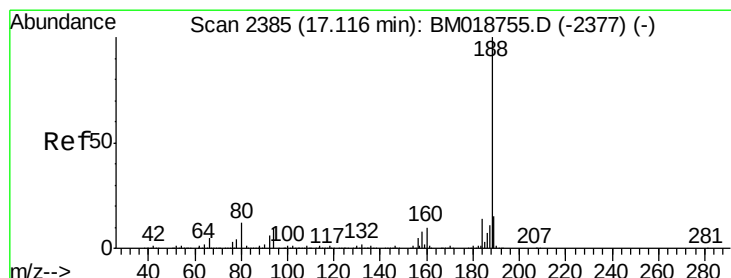
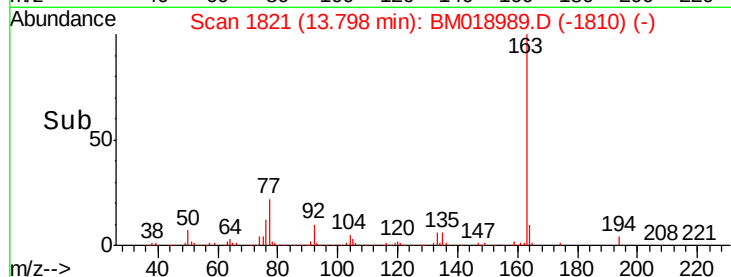
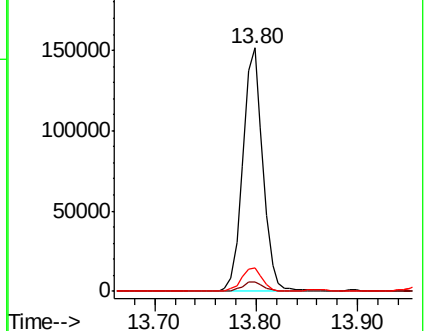
164 9.9 7.8 11.8



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

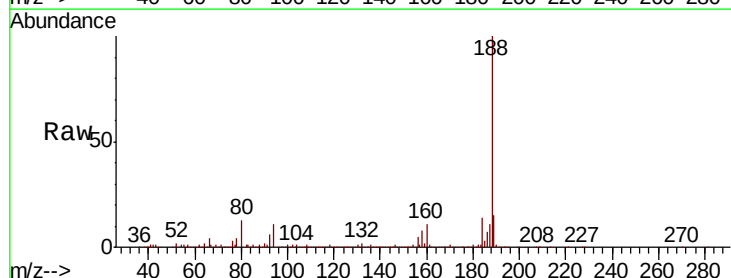
Tgt Ion:188 Resp: 1333709

Ion Ratio Lower Upper

188 100

94 10.8 8.2 12.2

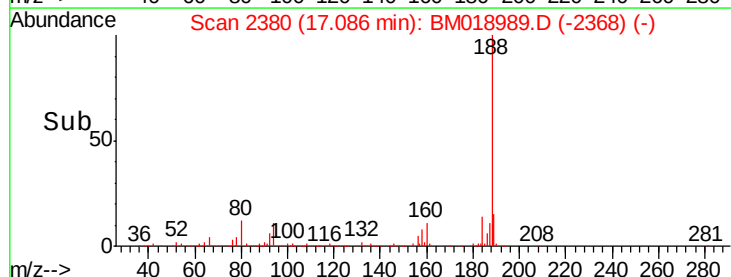
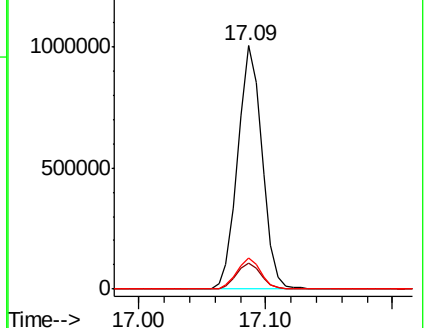
80 12.6 9.7 14.5

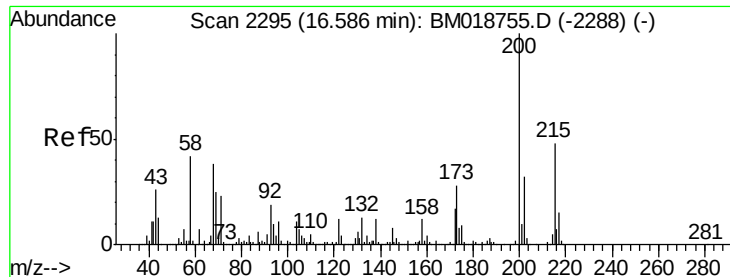


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#69

Atrazine

Concen: 2.055 ng

RT: 16.54 min Scan# 2287

Delta R.T. -0.05 min

Lab File: BM018989.D

Acq: 01 Mar 2019 16:32

Instrument :

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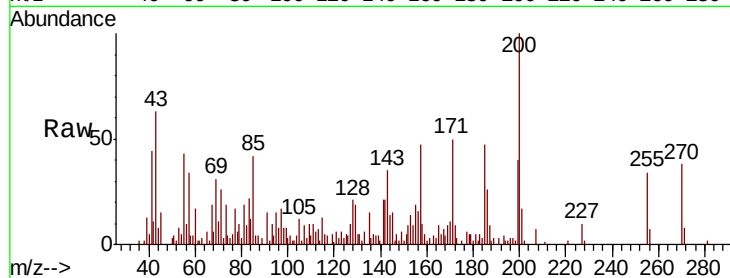
Tgt Ion:200 Resp: 27915

Ion Ratio Lower Upper

200 100

173 2.9 7.6 47.6#

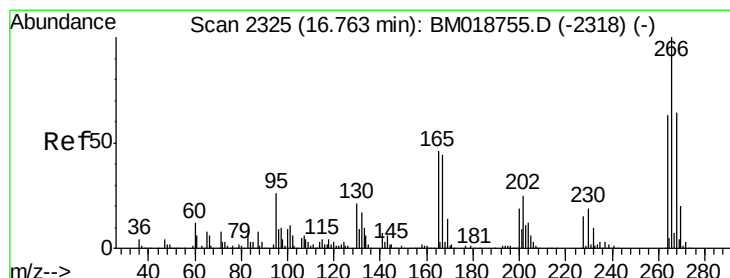
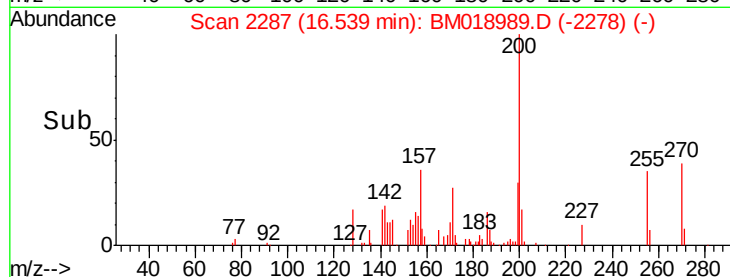
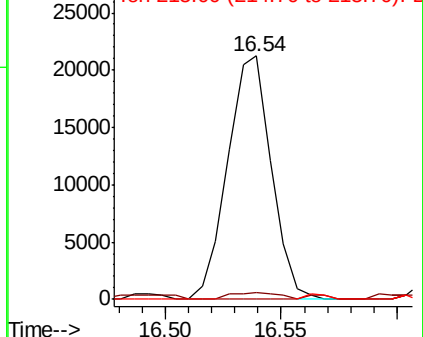
215 0.0 27.6 67.6#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#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

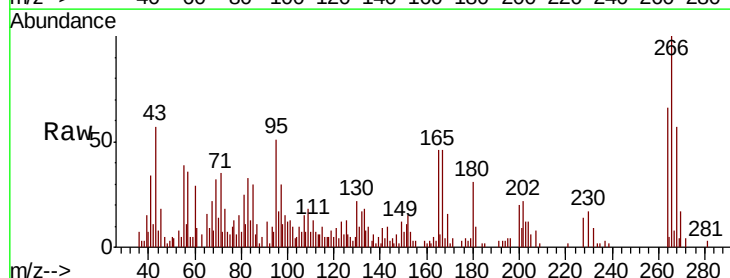
Tgt Ion:266 Resp: 24790

Ion Ratio Lower Upper

266 100

268 56.6 51.3 76.9

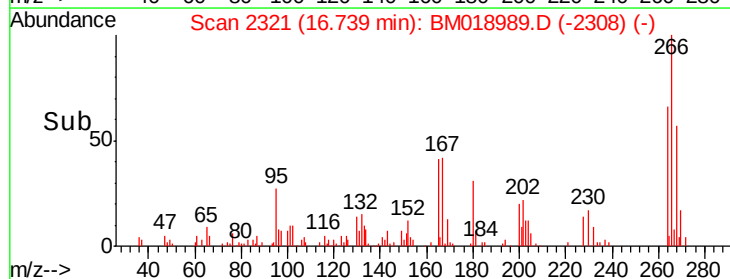
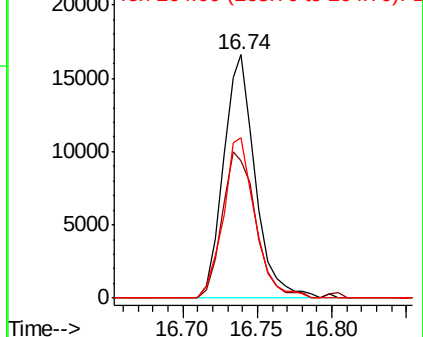
264 65.8 50.6 75.8

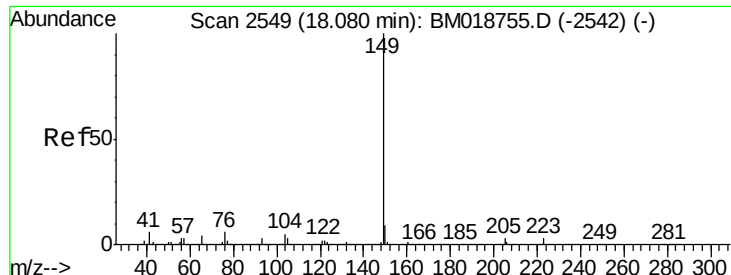


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

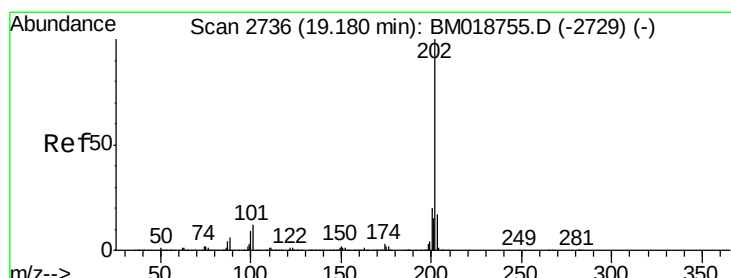
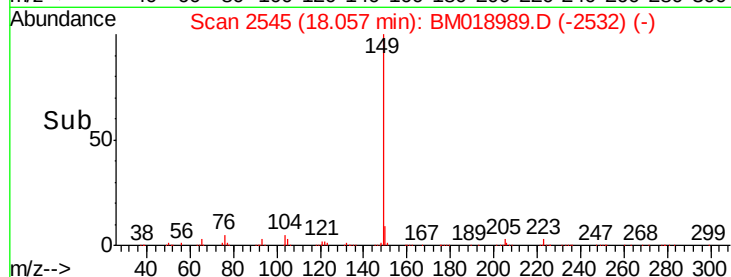
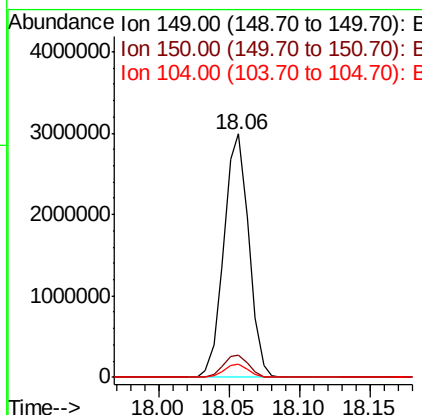
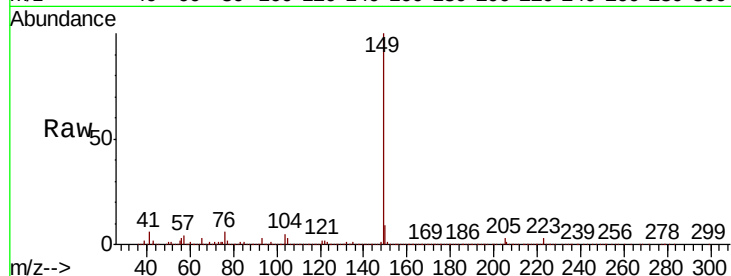




#74
Di-n-butylphthalate
Concen: 43.660 ng
RT: 18.06 min Scan# 2545
Delta R.T. -0.02 min
Lab File: BM018989.D
Acq: 01 Mar 2019 16:32

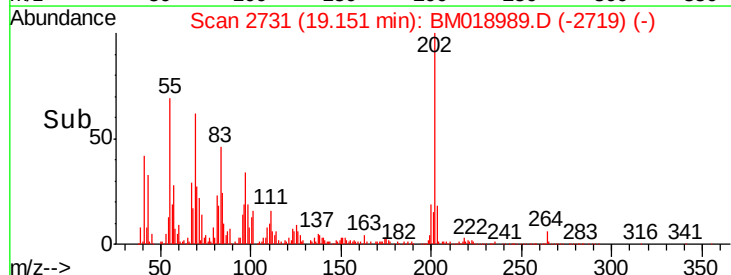
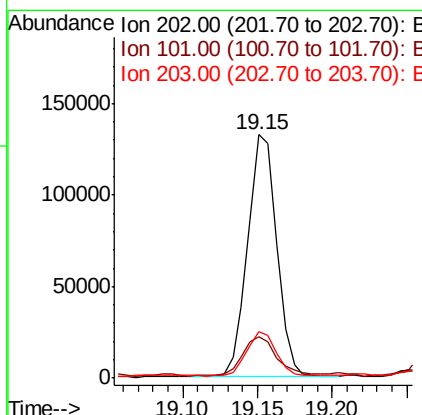
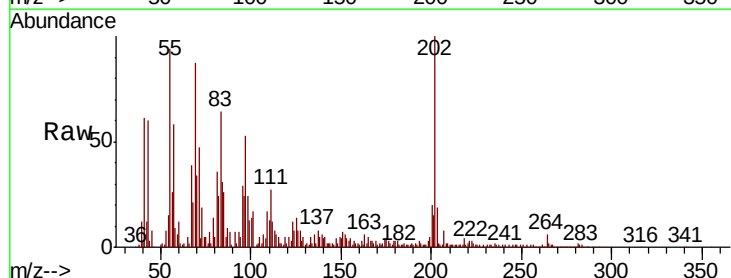
Instrument :
BNA_M
ClientSampleId :
TRE-FLOOR-SLAB

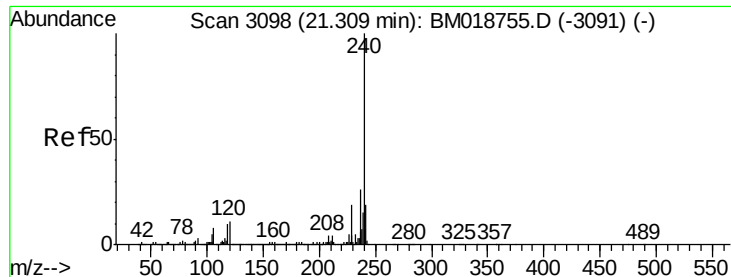
Tgt Ion:149 Resp: 3659780
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.3 4.3 6.5



#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

Tgt Ion:202 Resp: 178143
Ion Ratio Lower Upper
202 100
101 17.2 0.0 31.5
203 19.3 0.0 37.3

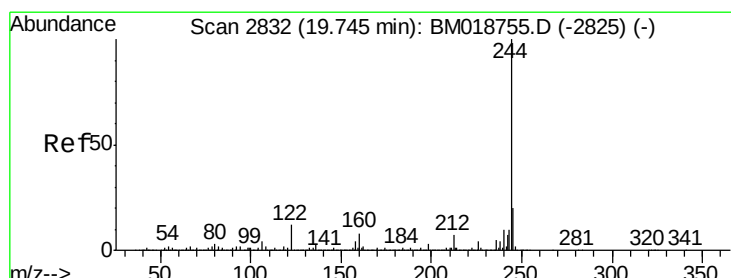
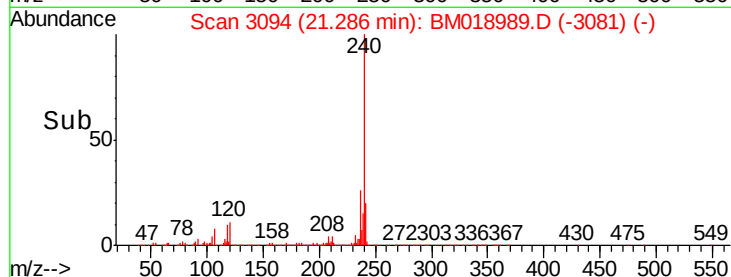
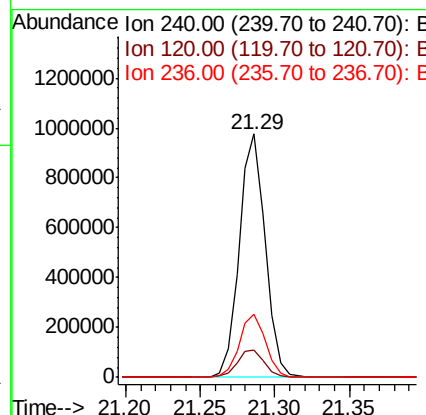
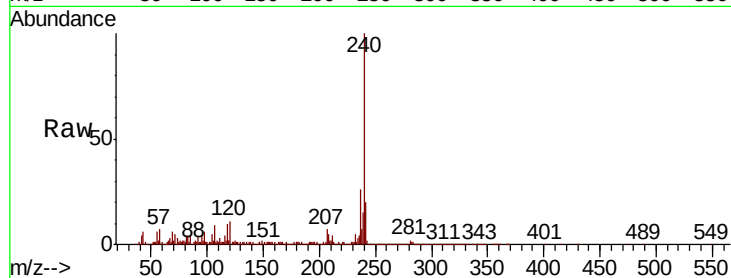




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM018989.D
Acq: 01 Mar 2019 16:32

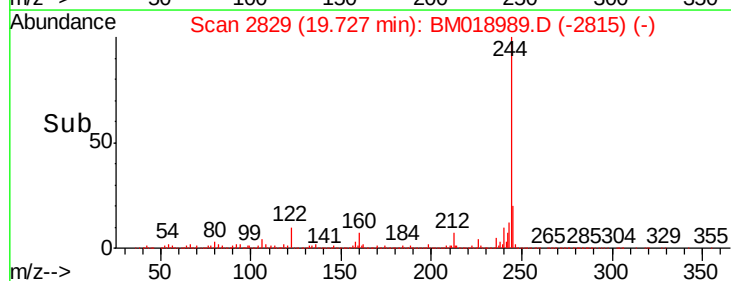
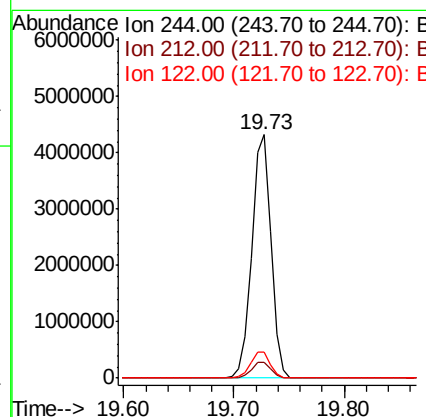
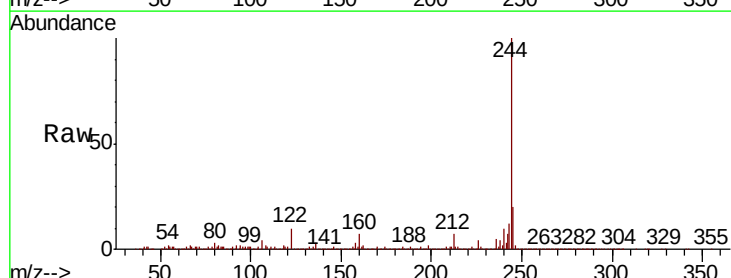
Instrument :
BNA_M
ClientSampleId :
TRE-FLOOR-SLAB

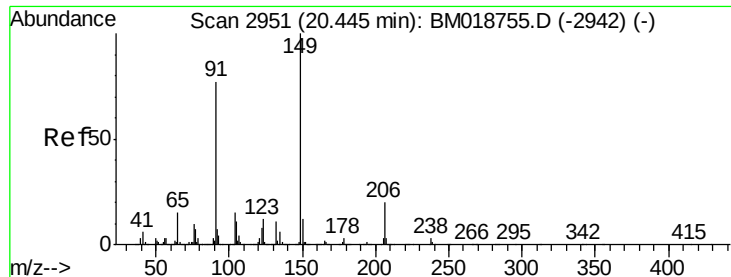
Tgt Ion:240 Resp: 1178462
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.9 20.9 31.3



#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

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

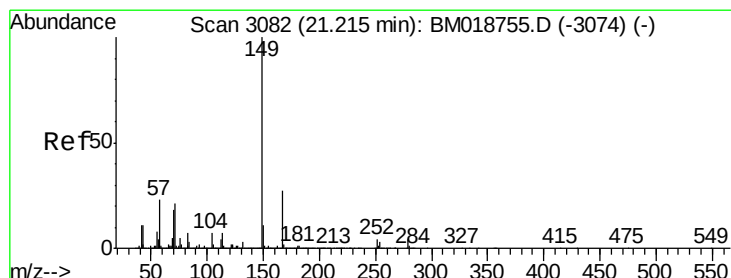
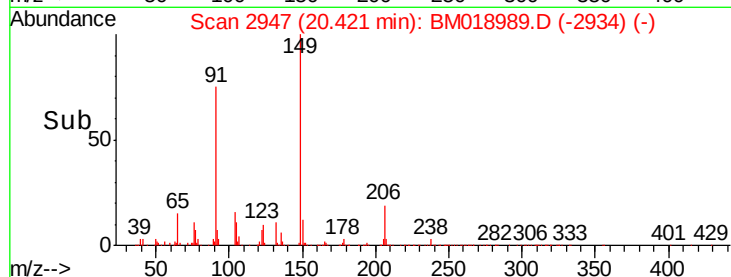
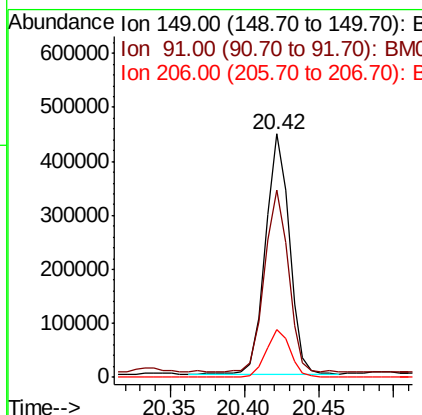
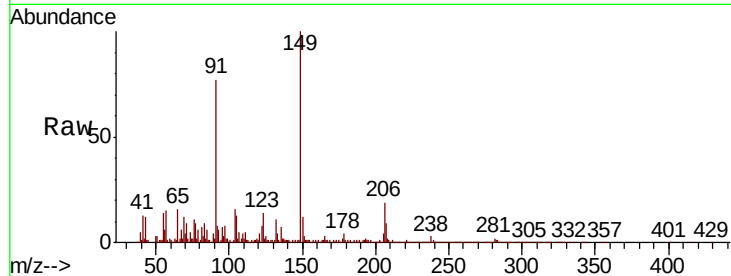




#80
Butylbenzylphthalate
Concen: 15.665 ng
RT: 20.42 min Scan# 2947
Delta R.T. -0.02 min
Lab File: BM018989.D
Acq: 01 Mar 2019 16:32

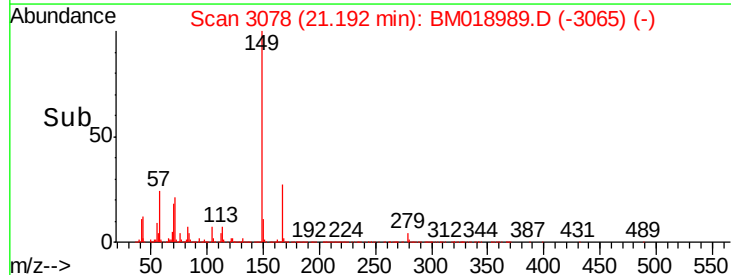
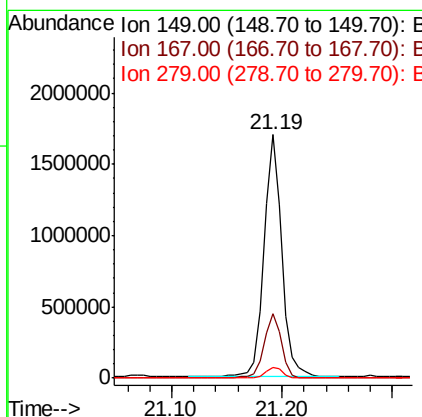
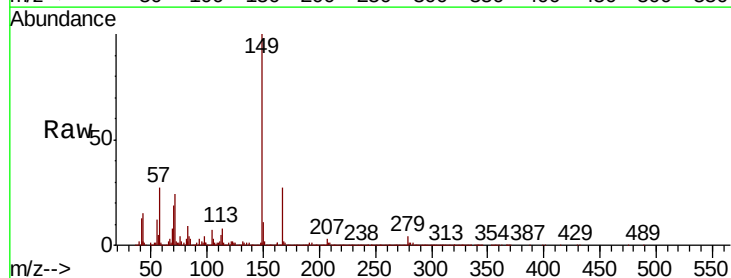
Instrument :
BNA_M
ClientSampleId :
TRE-FLOOR-SLAB

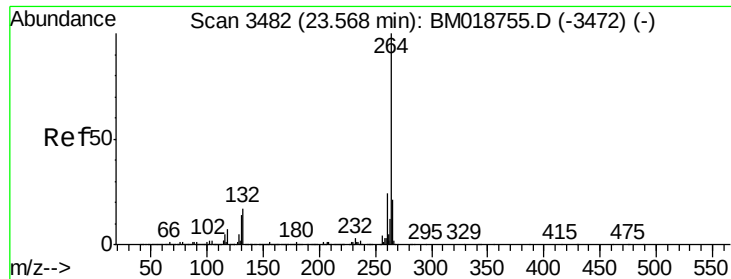
Tgt Ion:149 Resp: 488639
Ion Ratio Lower Upper
149 100
91 77.1 61.4 92.0
206 19.5 15.8 23.8



#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

Tgt Ion:149 Resp: 1917628
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.6
279 4.2 3.6 5.4



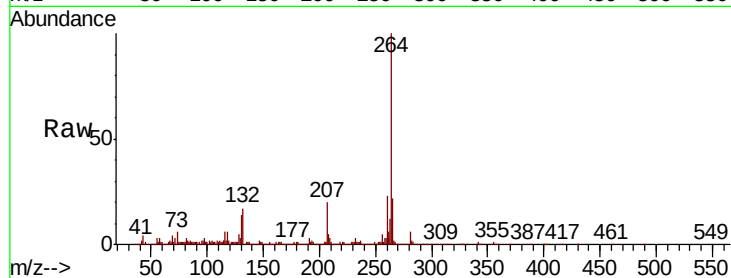


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.04 min
Lab File: BM018989.D
Acq: 01 Mar 2019 16:32

Instrument :
BNA_M
ClientSampleId :
TRE-FLOOR-SLAB

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



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

