

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022819\
 Data File : BM018982.D
 Acq On : 28 Feb 2019 22:50
 Operator : JU/SJ
 Sample : K1643-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FLOOR-SLAB

Quant Time: Mar 01 01:15:12 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

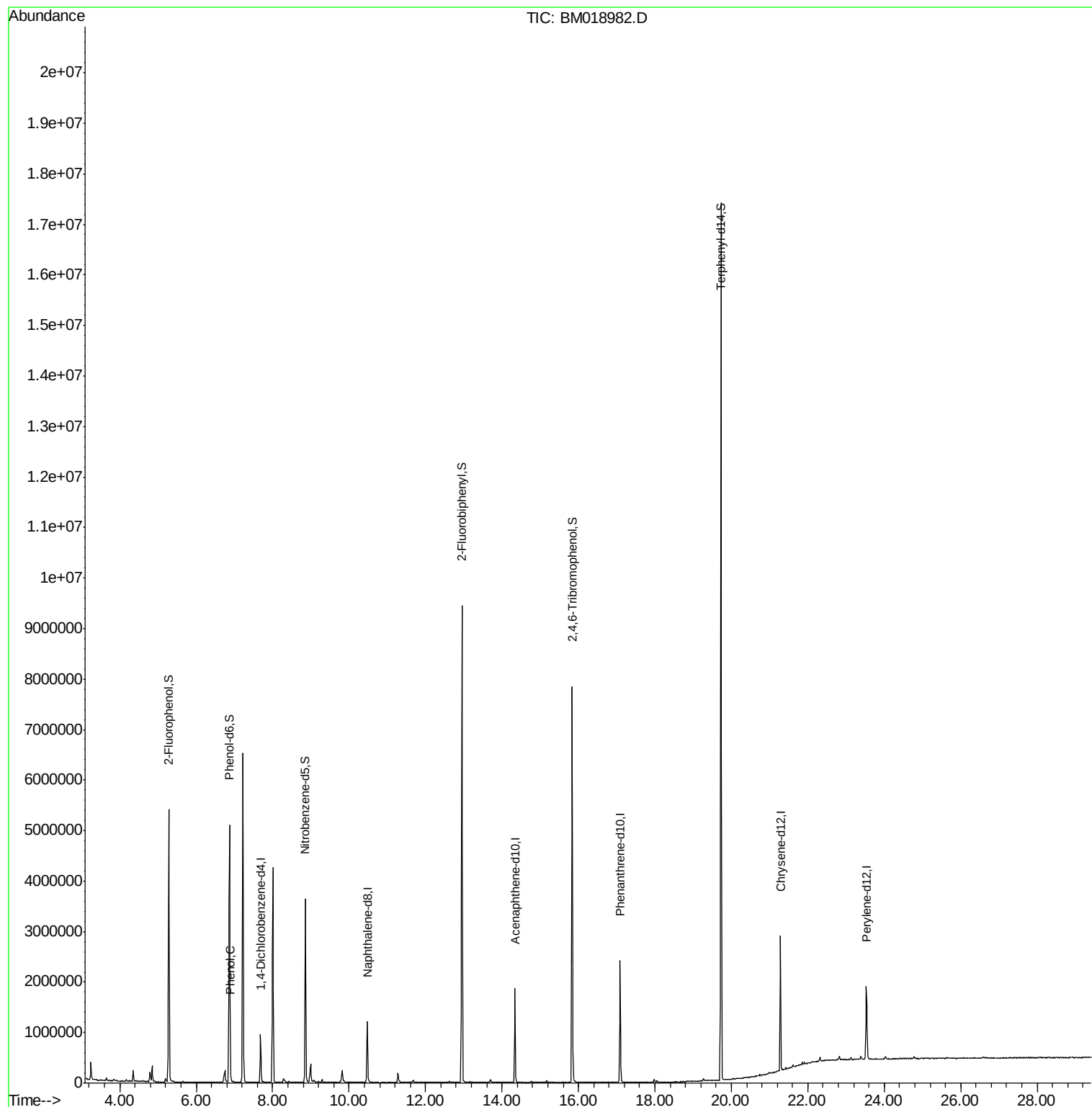
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	237164	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	994523	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	575119	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1288557	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1139133	20.00	ng	-0.02
87) Perylene-d12	23.53	264	990001	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2260698	156.18	ng	-0.02
7) Phenol-d6	6.87	99	2962709	145.29	ng	-0.02
23) Nitrobenzene-d5	8.86	82	2295916	106.74	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	1449864	174.89	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	4438809	102.46	ng	-0.03
79) Terphenyl-d14	19.73	244	7442676	134.78	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.87	77	7095	Below Cal	Qvalue	# 7
10) Phenol	6.89	94	87985	4.101 ng		90

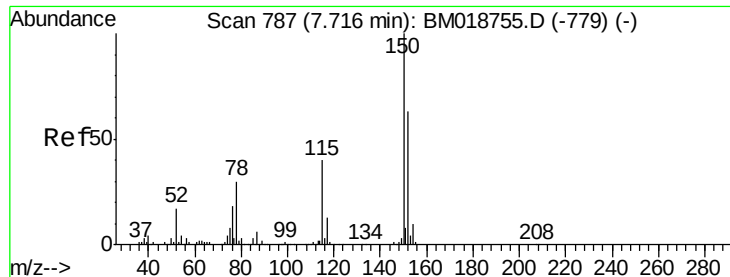
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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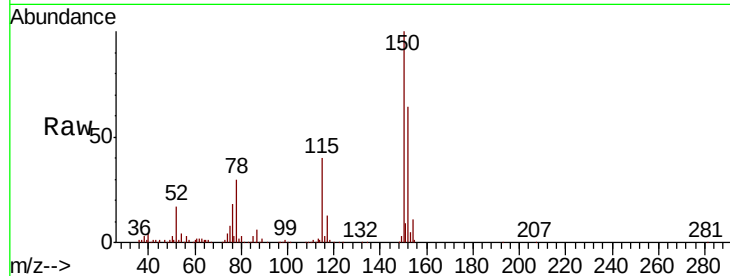


#1

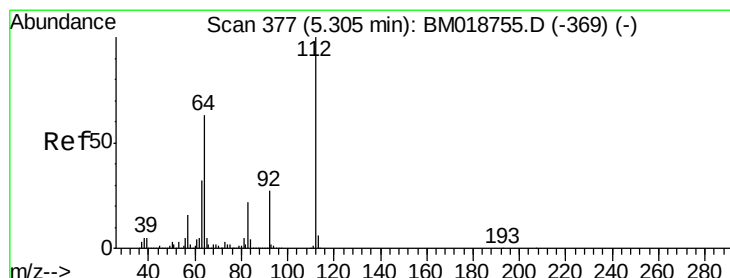
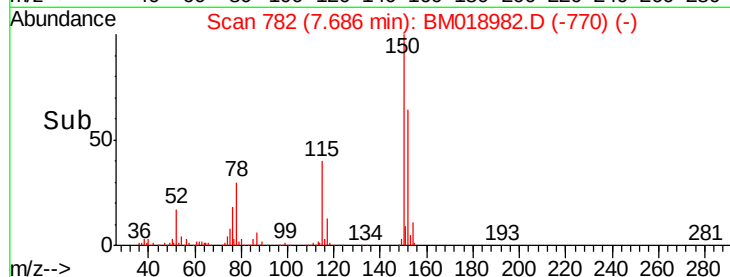
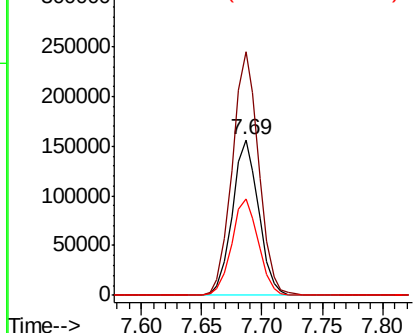
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018982.D
Acq: 28 Feb 2019 22:50

Instrument :
BNA_M
ClientSampleId :
FLOOR-SLAB

Tgt Ion:152 Resp: 237164
Ion Ratio Lower Upper
152 100
150 156.2 127.3 190.9
115 62.0 50.8 76.2



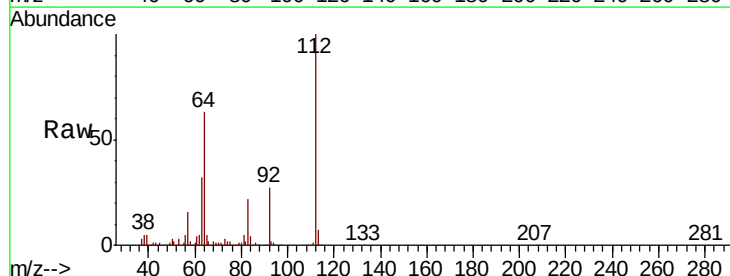
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



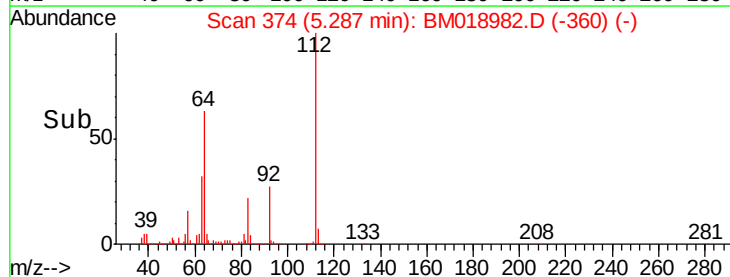
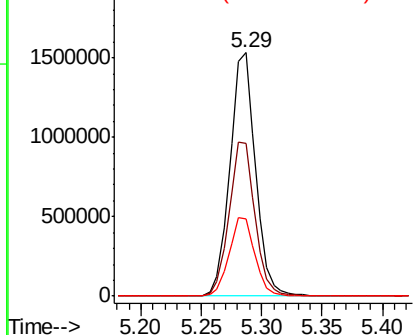
#5

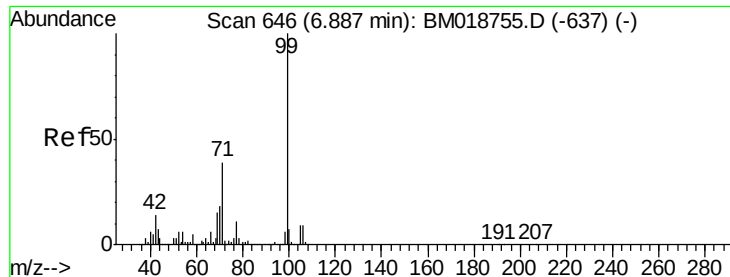
2-Fluorophenol
Concen: 156.183 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018982.D
Acq: 28 Feb 2019 22:50

Tgt Ion:112 Resp: 2260698
Ion Ratio Lower Upper
112 100
64 62.9 50.6 75.8
63 31.9 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: 145.293 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018982.D

Acq: 28 Feb 2019 22:50

Instrument :

BNA_M

ClientSampleId :

FLOOR-SLAB

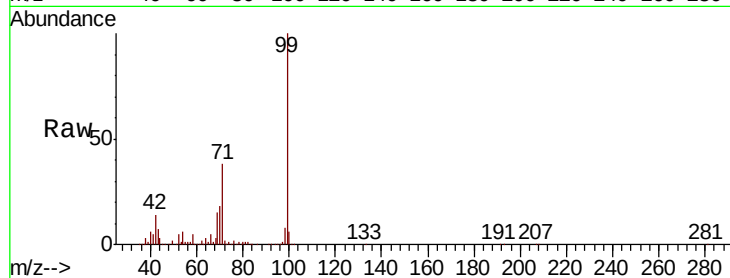
Tgt Ion: 99 Resp: 2962709

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

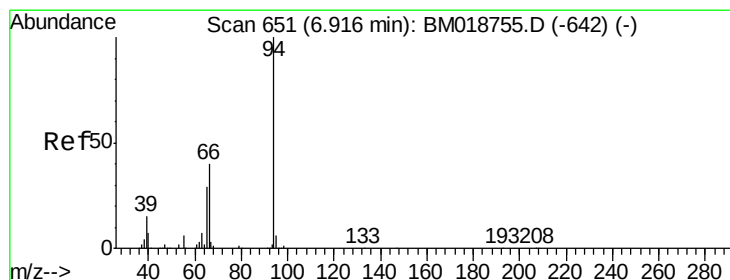
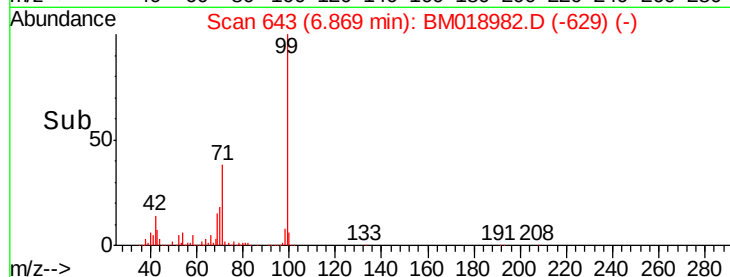
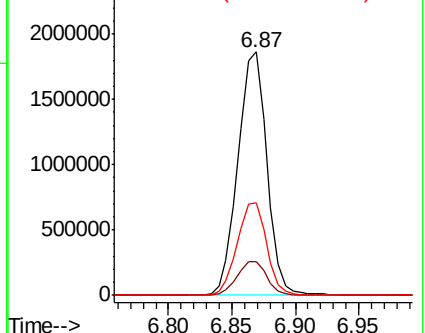
71 38.1 31.3 46.9



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) (-)



#10

Phenol

Concen: 4.101 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018982.D

Acq: 28 Feb 2019 22:50

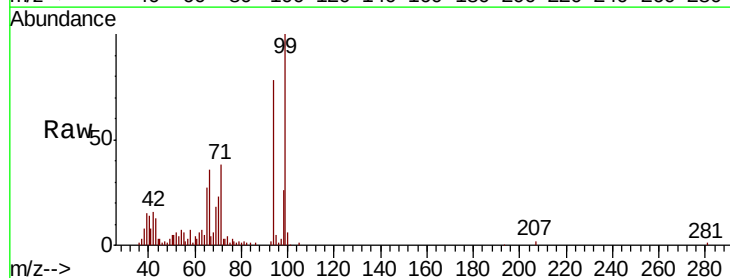
Tgt Ion: 94 Resp: 87985

Ion Ratio Lower Upper

94 100

65 34.6 9.6 49.6

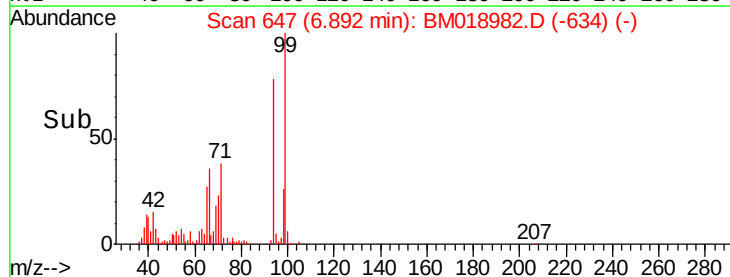
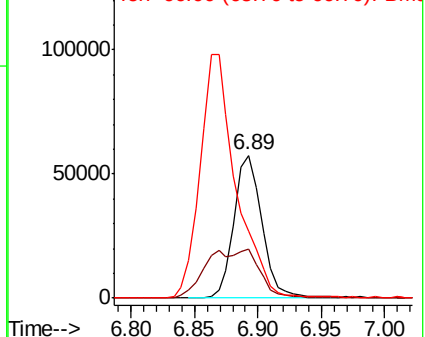
66 46.8 20.4 60.4

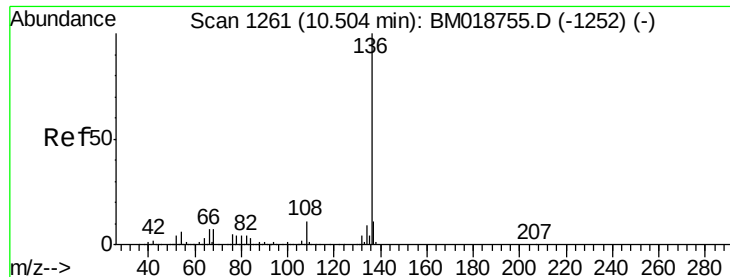


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

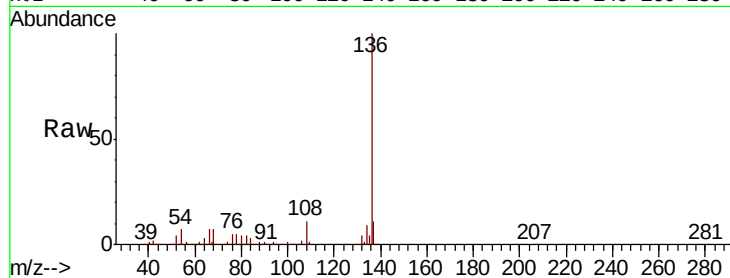




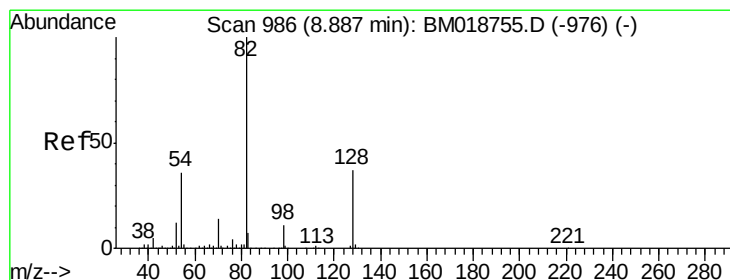
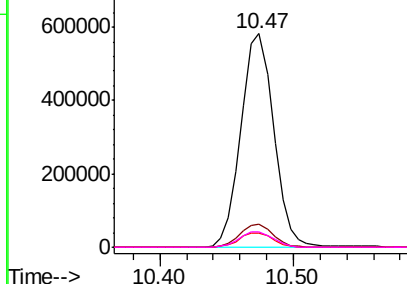
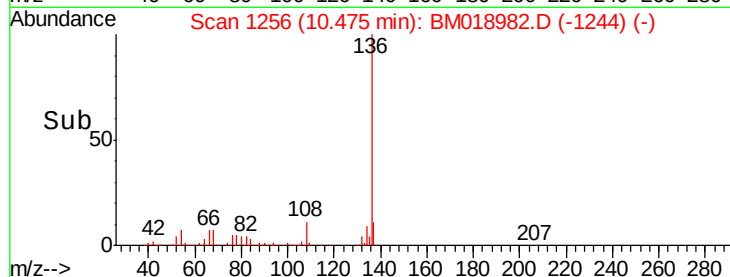
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.03 min
Lab File: BM018982.D
Acq: 28 Feb 2019 22:50

Instrument :
BNA_M
ClientSampleId :
FLOOR-SLAB

Tgt Ion:	136	Resp:	994523
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.6	5.0	7.6
68	7.3	5.5	8.3

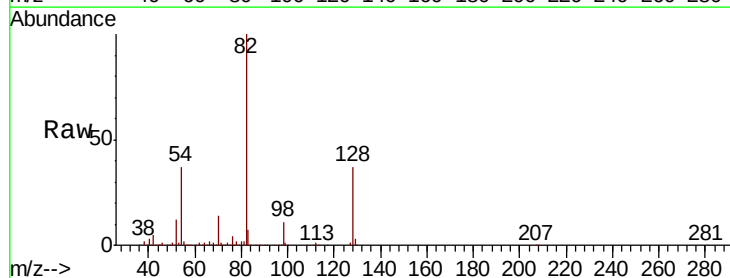


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

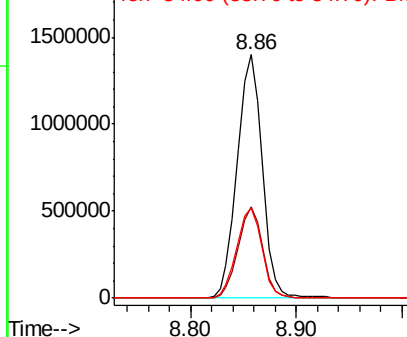
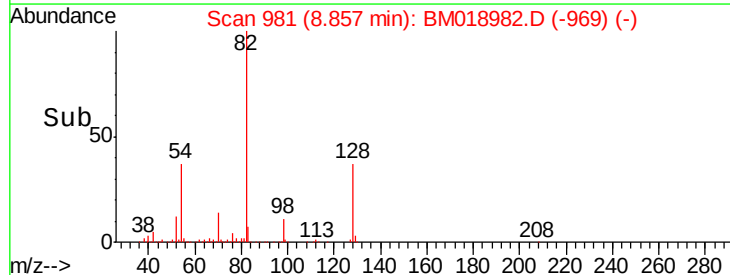


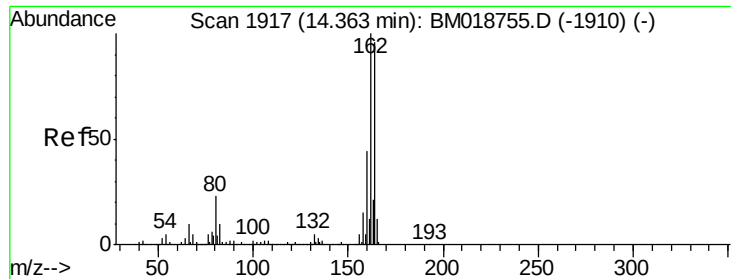
#23
Nitrobenzene-d5
Concen: 106.745 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.03 min
Lab File: BM018982.D
Acq: 28 Feb 2019 22:50

Tgt Ion:	82	Resp:	2295916
Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.9	44.9
54	36.9	29.1	43.7



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.34 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018982.D

Acq: 28 Feb 2019 22:50

Instrument :

BNA_M

ClientSampleId :

FLOOR-SLAB

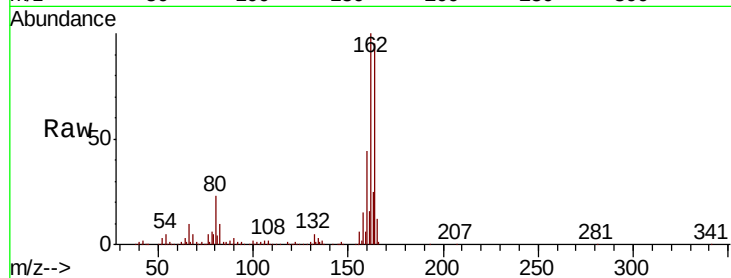
Tgt Ion:164 Resp: 575119

Ion Ratio Lower Upper

164 100

162 105.5 83.4 125.0

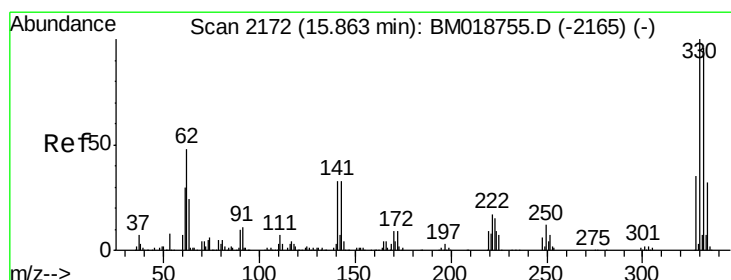
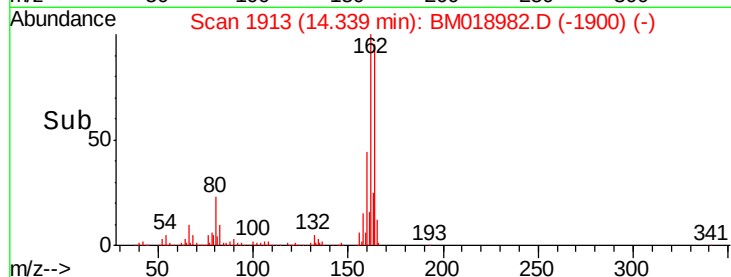
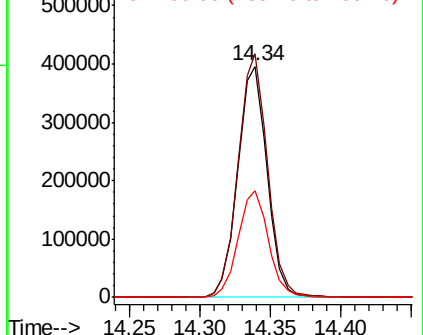
160 46.3 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 174.889 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM018982.D

Acq: 28 Feb 2019 22:50

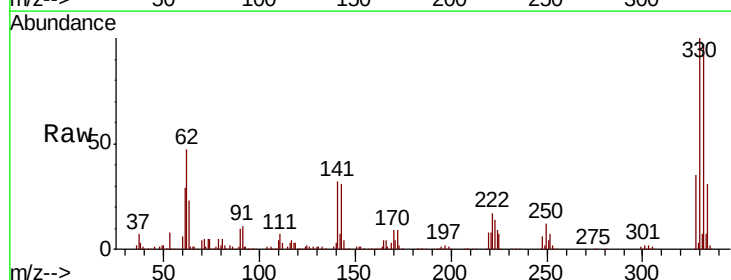
Tgt Ion:330 Resp: 1449864

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

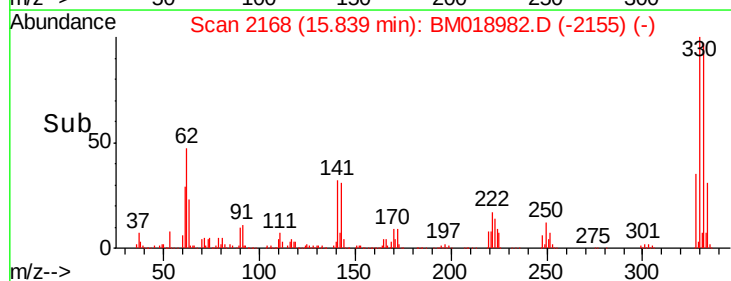
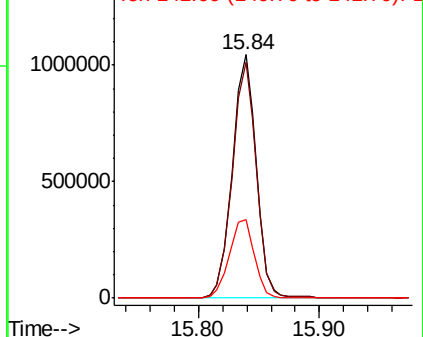
141 34.0 28.7 43.1

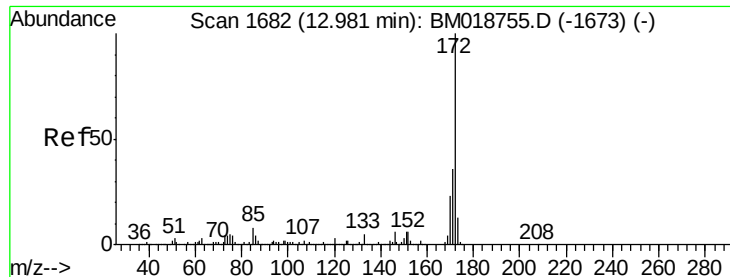


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

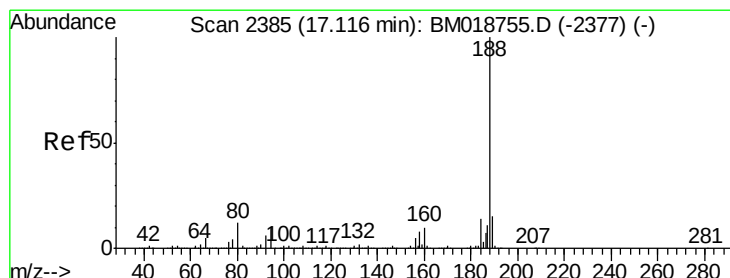
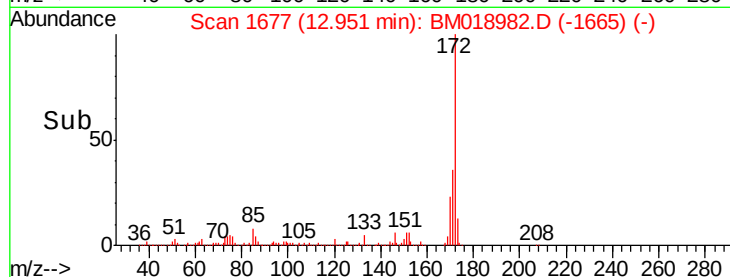
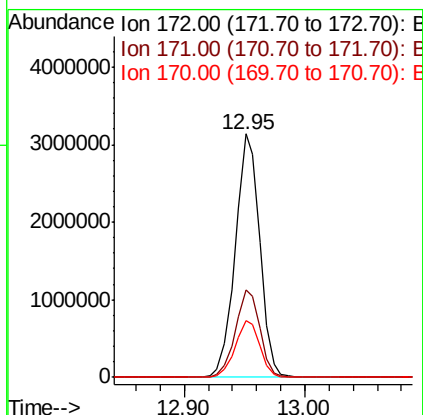
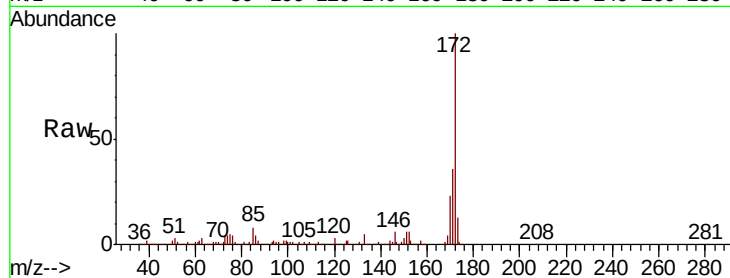




#45
2-Fluorobiphenyl
Concen: 102.456 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.03 min
Lab File: BM018982.D
Acq: 28 Feb 2019 22:50

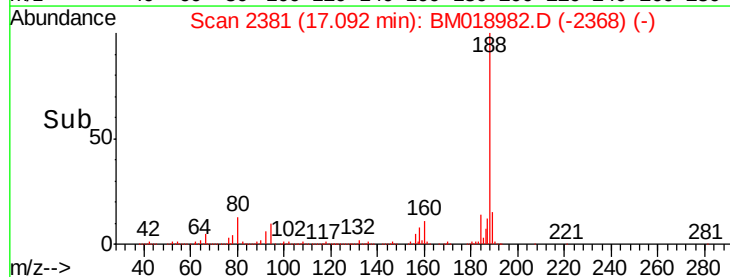
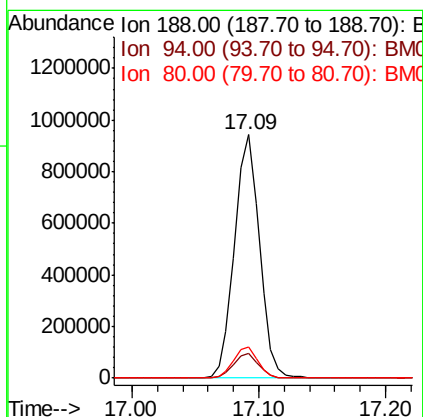
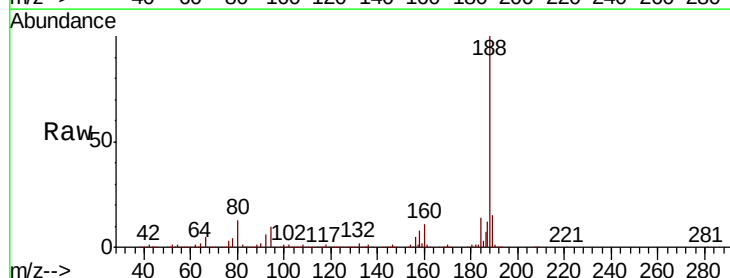
Instrument :
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FLOOR-SLAB

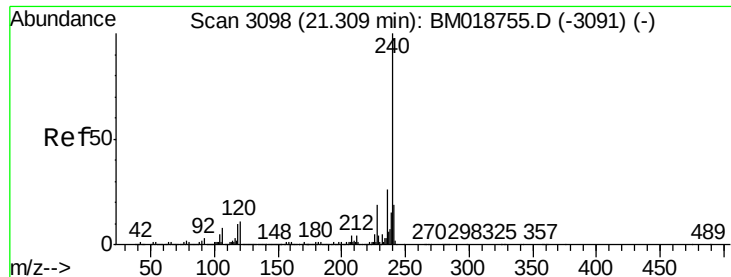
Tgt Ion:172 Resp: 4438809
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.4 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM018982.D
Acq: 28 Feb 2019 22:50

Tgt Ion:188 Resp: 1288557
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 12.7 9.7 14.5

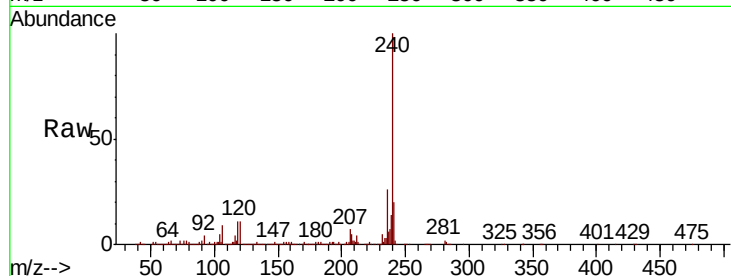




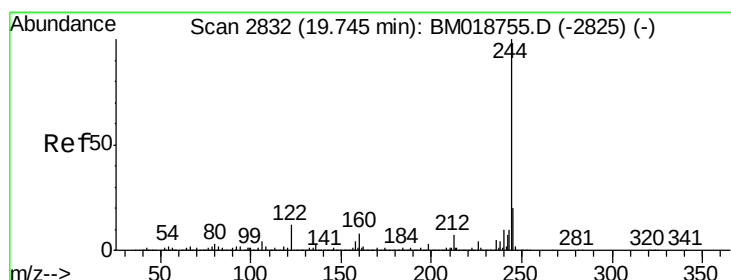
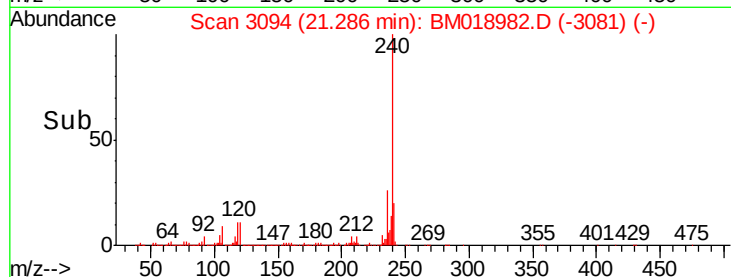
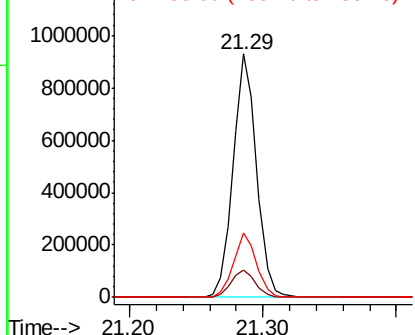
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM018982.D
Acq: 28 Feb 2019 22:50

Instrument :
BNA_M
ClientSampleId :
FLOOR-SLAB

Tgt Ion:240 Resp: 1139133
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.2 20.9 31.3

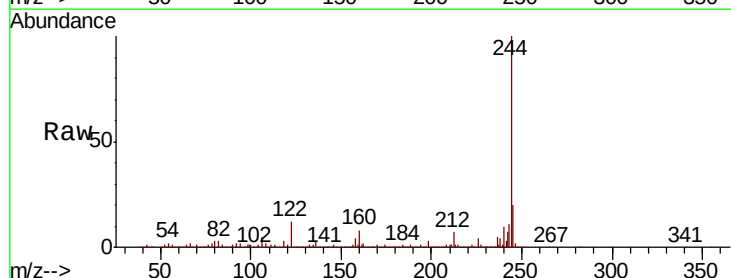


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

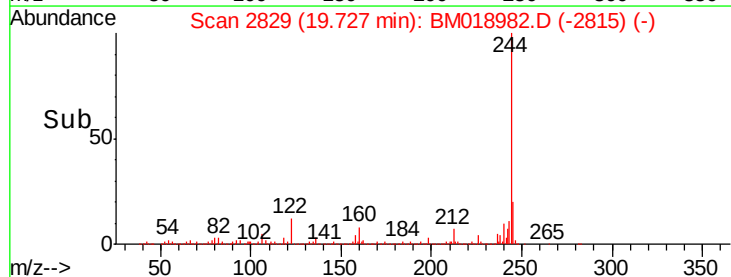
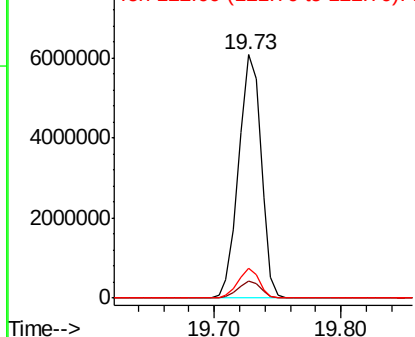


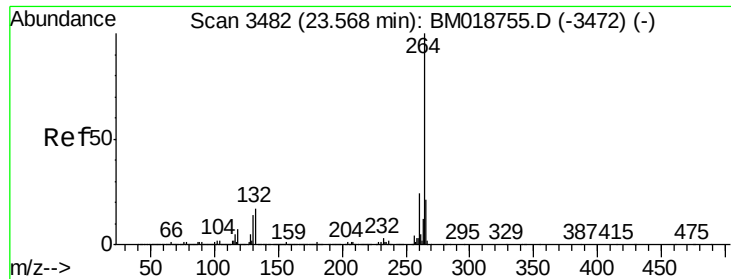
#79
Terphenyl-d14
Concen: 134.782 ng
RT: 19.73 min Scan# 2829
Delta R.T. -0.02 min
Lab File: BM018982.D
Acq: 28 Feb 2019 22:50

Tgt Ion:244 Resp: 7442676
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 12.4 9.3 13.9



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

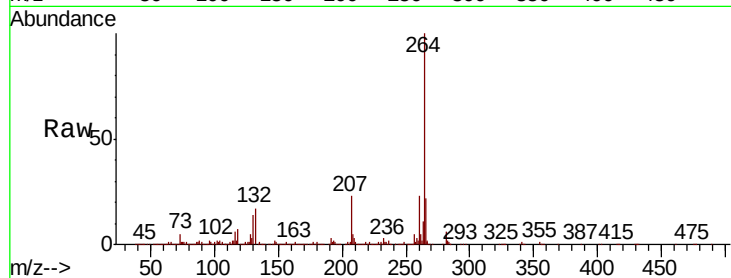




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.04 min
Lab File: BM018982.D
Acq: 28 Feb 2019 22:50

Instrument :
BNA_M
ClientSampleId :
FLOOR-SLAB

Tgt Ion:	264	Resp:	990001
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.4	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

