

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
 Data File : BM018840.D
 Acq On : 18 Feb 2019 16:11
 Operator : JU/SJ
 Sample : K1517-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G-021519

Quant Time: Feb 19 01:29:55 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

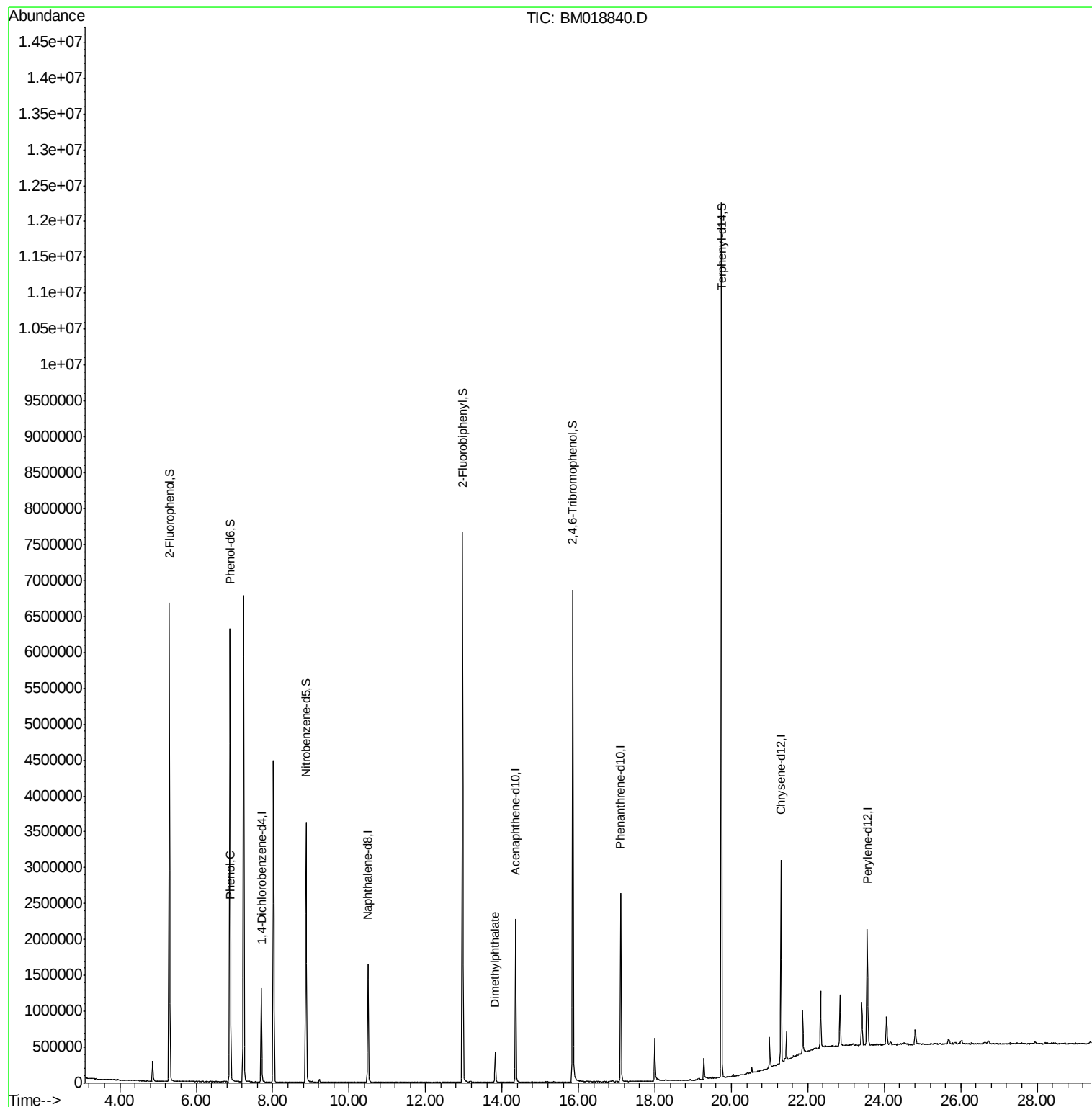
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	323194	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1306392	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	721250	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1548538	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1247251	20.00	ng	-0.01
87) Perylene-d12	23.56	264	1106487	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2590856	131.35	ng	0.00
7) Phenol-d6	6.88	99	3612523	130.00	ng	0.00
23) Nitrobenzene-d5	8.87	82	2328825	82.43	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1222403	117.58	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3798604	69.91	ng	-0.01
79) Terphenyl-d14	19.74	244	5206424	86.11	ng	0.00
Target Compounds						
10) Phenol	6.90	94	107285	3.669	ng	Qvalue 84
50) Dimethylphthalate	13.82	163	299105	4.976	ng	99

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

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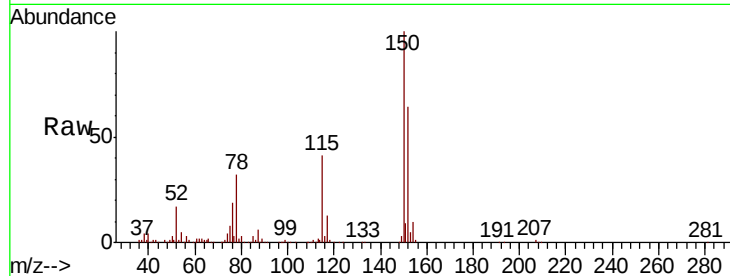


#1

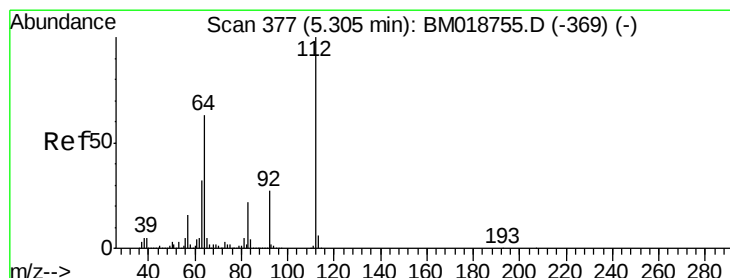
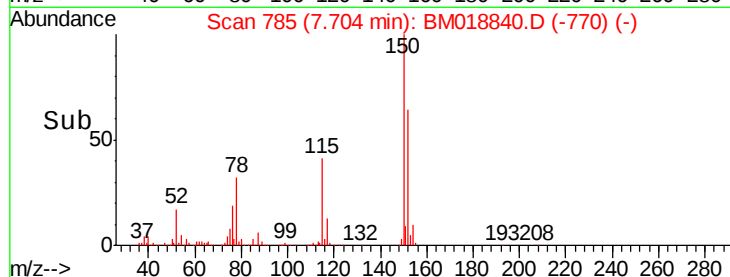
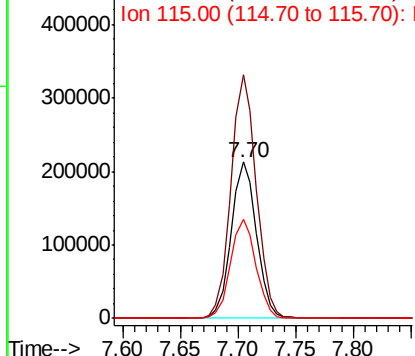
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Instrument :
BNA_M
ClientSampleId :
G-021519

Tot Ion:152 Resp: 323194
Ion Ratio Lower Upper
152 100
150 156.0 127.3 190.9
115 63.6 50.8 76.2



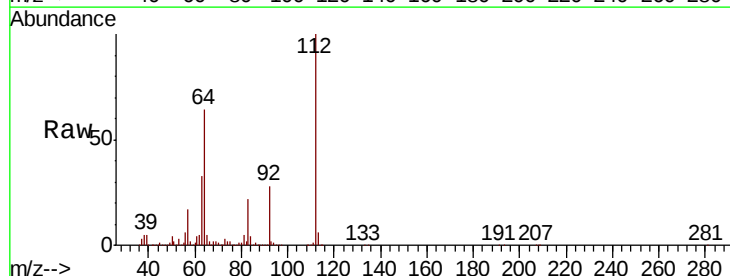
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



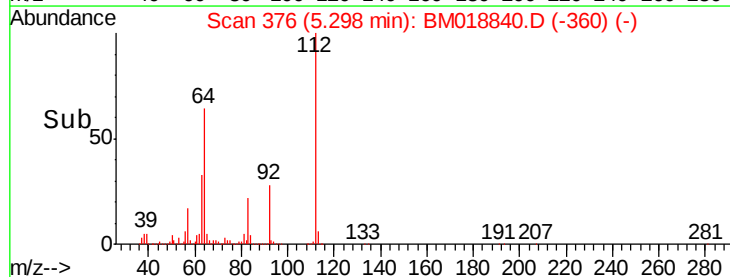
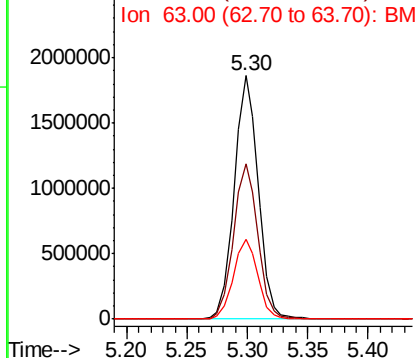
#5

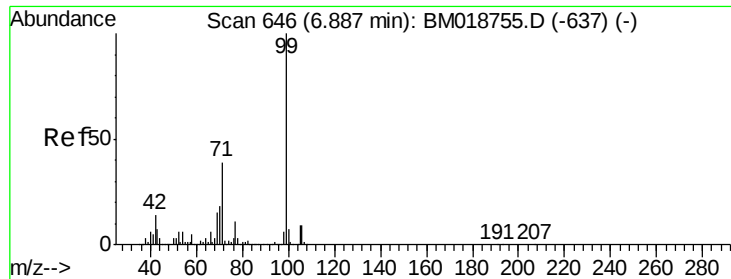
2-Fluorophenol
Concen: 131.347 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Tgt Ion:112 Resp: 2590856
Ion Ratio Lower Upper
112 100
64 63.9 50.6 75.8
63 32.8 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: 130.003 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018840.D

Acq: 18 Feb 2019 16:11

Instrument :

BNA_M

ClientSampleId :

G-021519

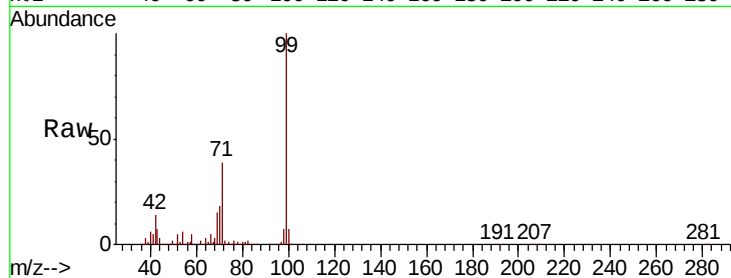
Tot Ion: 99 Resp: 3612523

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

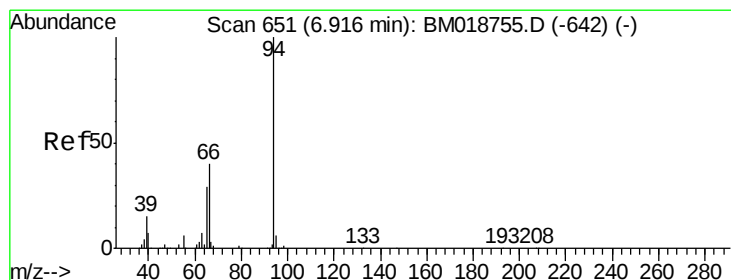
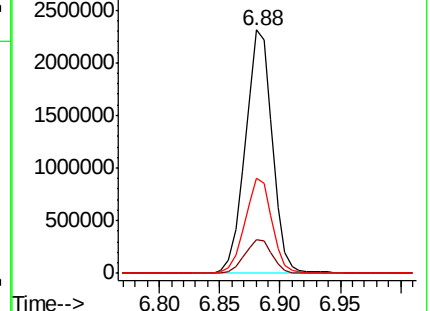
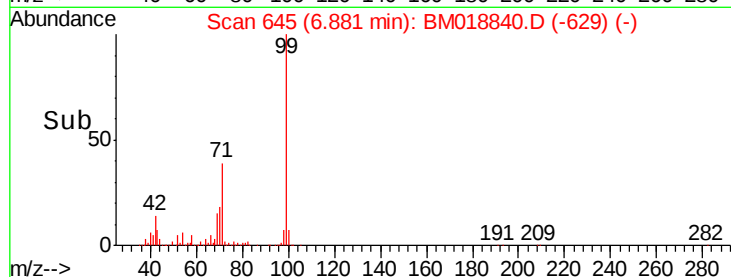
71 39.0 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018840.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018840.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018840.D (-629) (-)



#10

Phenol

Concen: 3.669 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018840.D

Acq: 18 Feb 2019 16:11

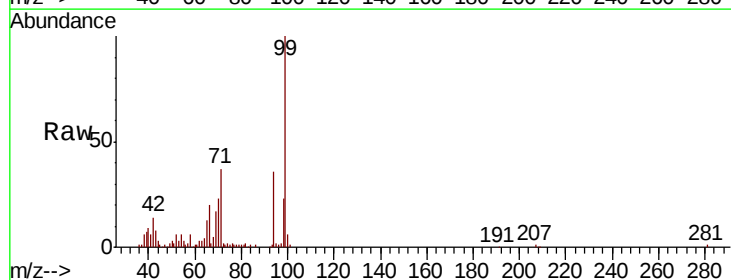
Tgt Ion: 94 Resp: 107285

Ion Ratio Lower Upper

94 100

65 34.4 9.6 49.6

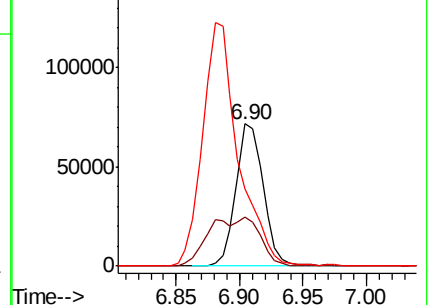
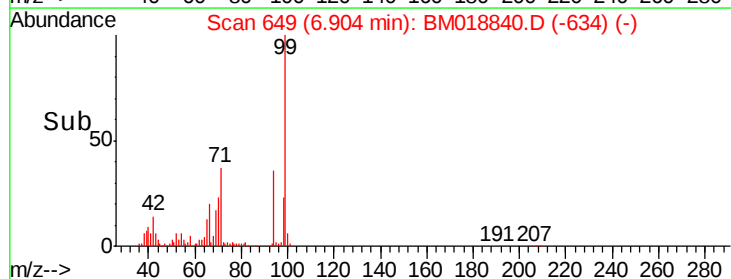
66 53.8 20.4 60.4

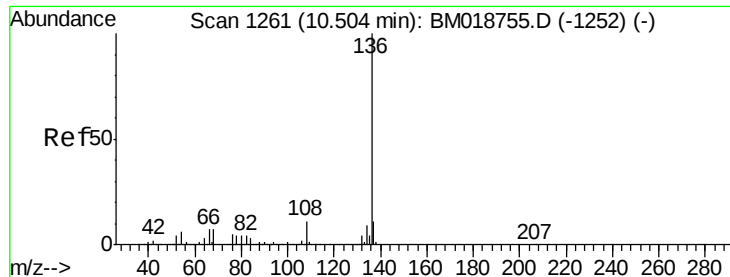


Abundance Ion 94.00 (93.70 to 94.70): BM018840.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018840.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018840.D (-634) (-)

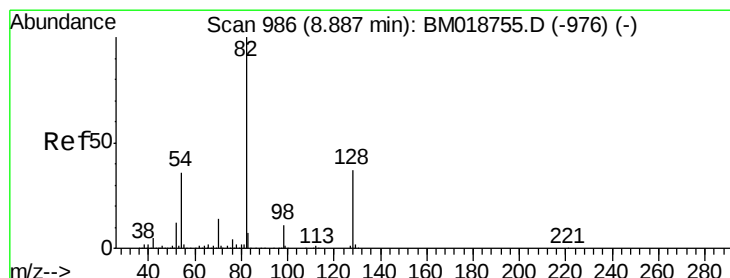
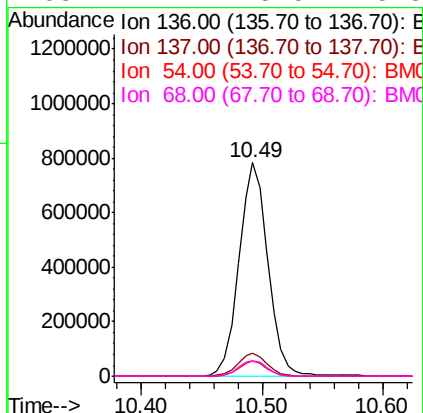
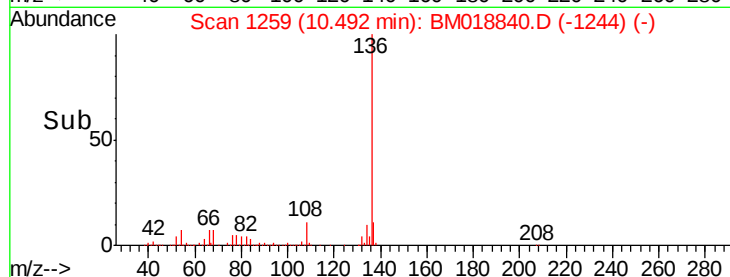
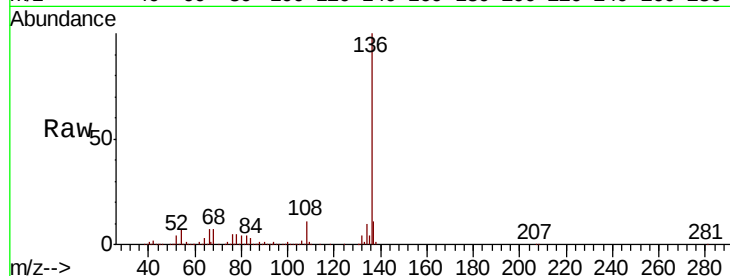




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

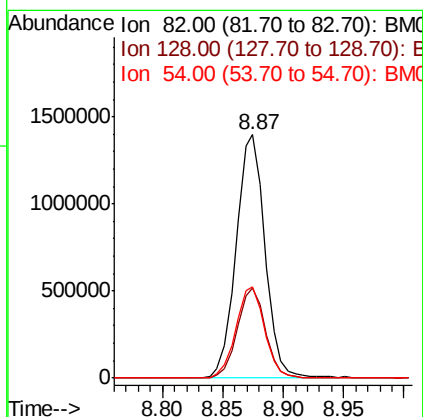
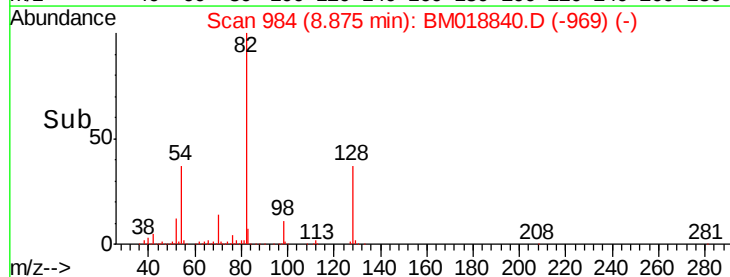
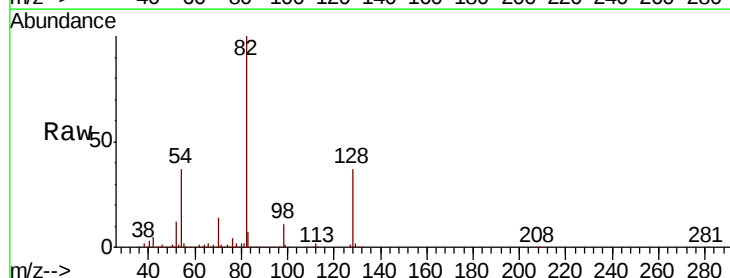
Instrument :
BNA_M
ClientSampleId :
G-021519

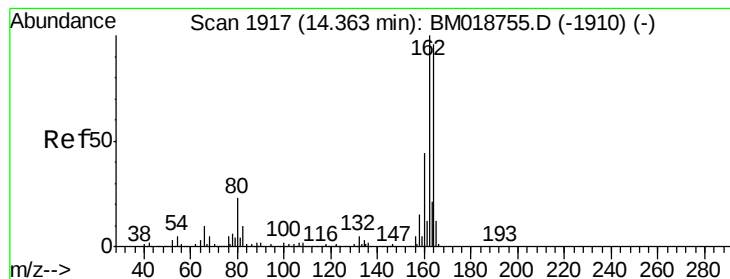
Tot Ion:136	Resp: 1306392
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 7.0	5.0 7.6
68 7.4	5.5 8.3



#23
Nitrobenzene-d5
Concen: 82.427 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Tgt Ion: 82	Resp: 2328825
Ion Ratio	Lower Upper
82 100	
128 36.7	29.9 44.9
54 37.5	29.1 43.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018840.D

Acq: 18 Feb 2019 16:11

Instrument :

BNA_M

ClientSampleId :

G-021519

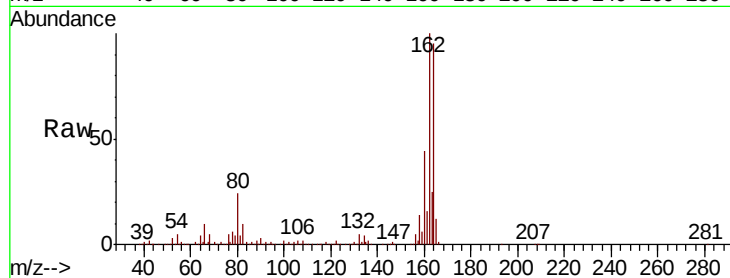
Tot Ion:164 Resp: 721250

Ion Ratio Lower Upper

164 100

162 105.2 83.4 125.0

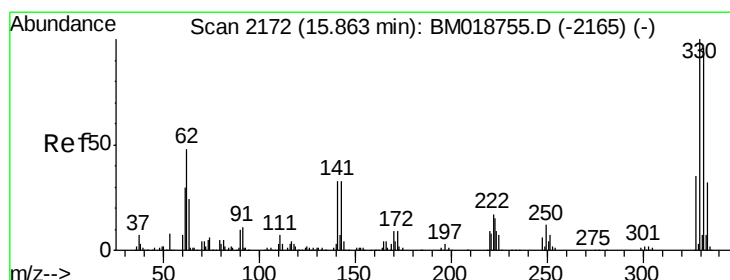
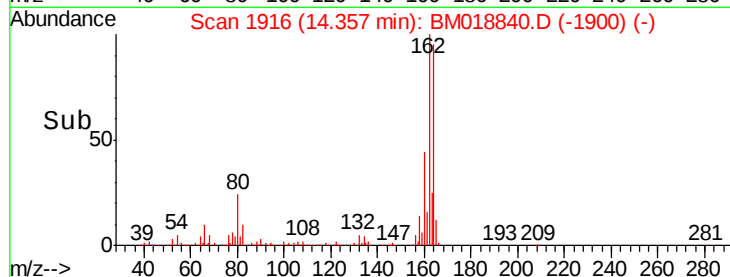
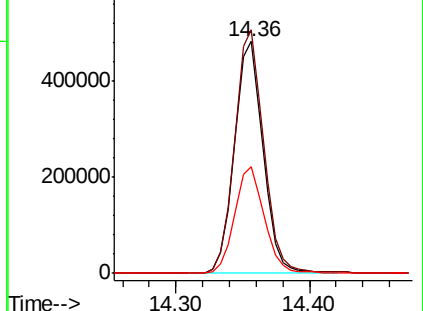
160 46.1 36.6 55.0



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: 117.577 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018840.D

Acq: 18 Feb 2019 16:11

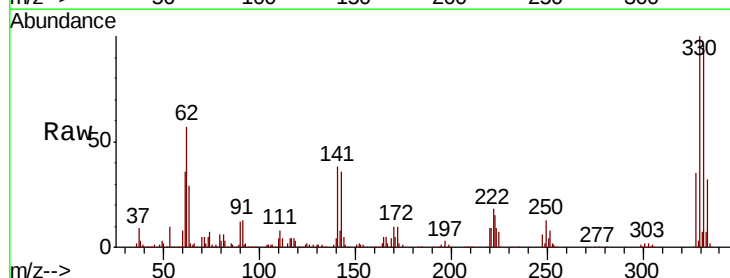
Tgt Ion:330 Resp: 1222403

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

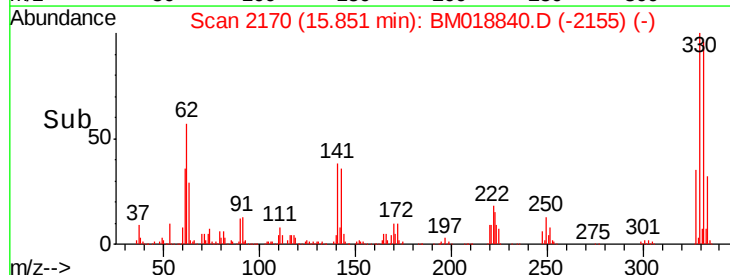
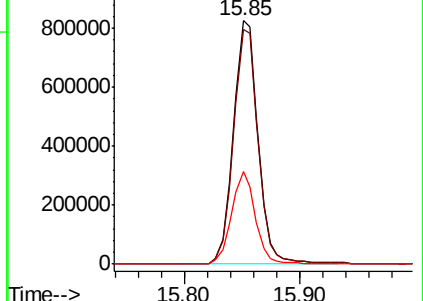
141 36.7 28.7 43.1



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

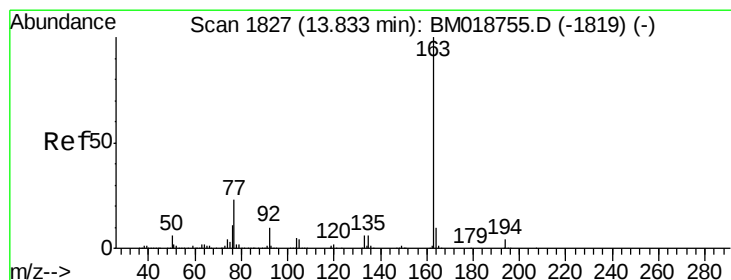
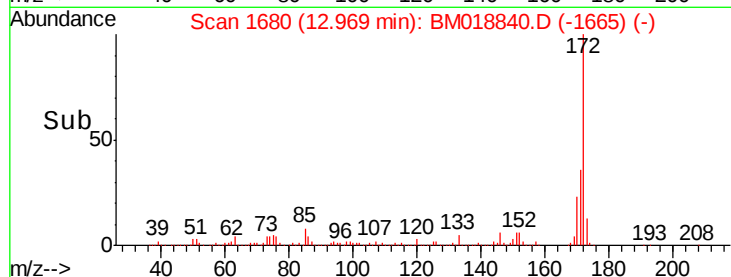
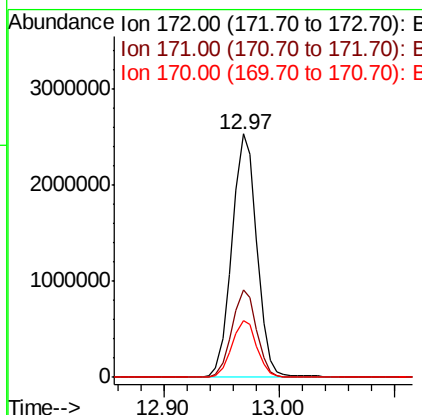
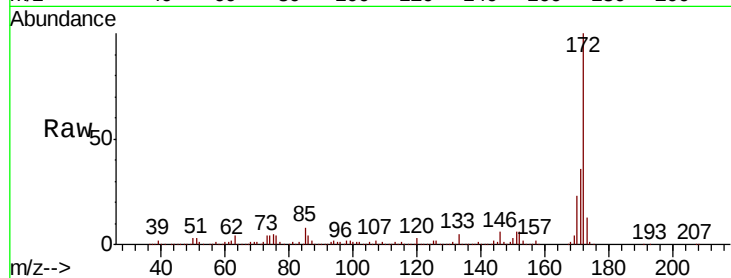




#45
2-Fluorobiphenyl
Concen: 69.914 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

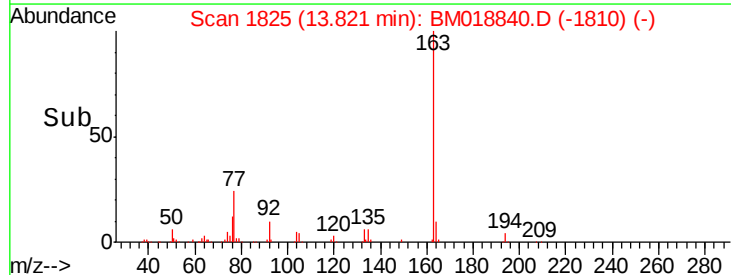
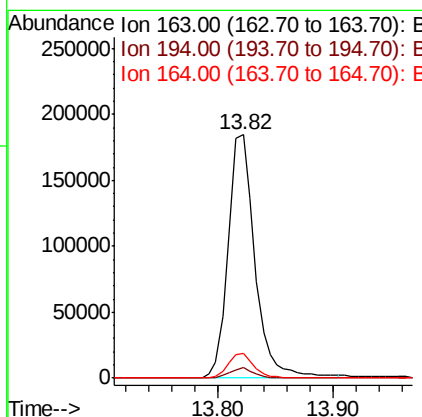
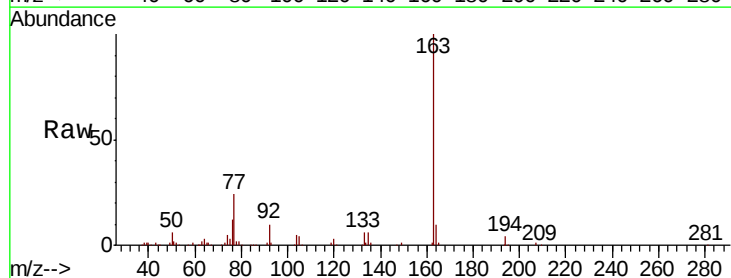
Instrument :
BNA_M
ClientSampleId :
G-021519

Tot Ion:172 Resp: 3798604
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.4 18.6 28.0



#50
Dimethylphthalate
Concen: 4.976 ng
RT: 13.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Tgt Ion:163 Resp: 299105
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.1 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM018840.D

Acq: 18 Feb 2019 16:11

Instrument :

BNA_M

ClientSampleId :

G-021519

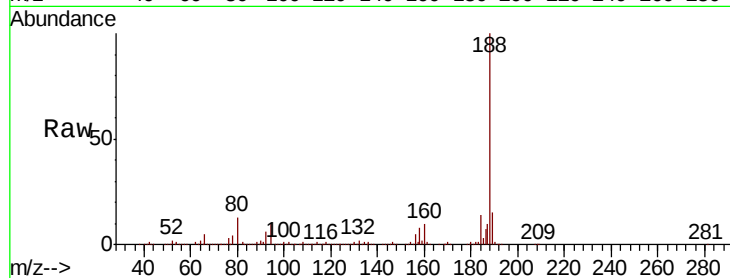
Tot Ion:188 Resp: 1548538

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

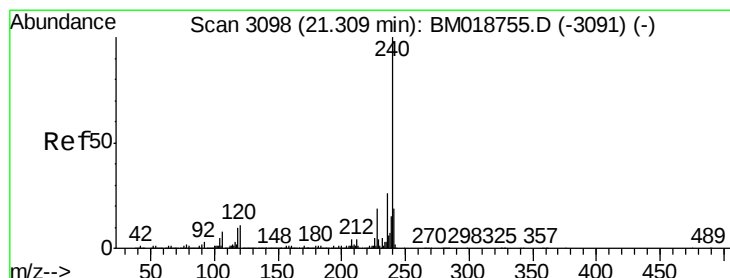
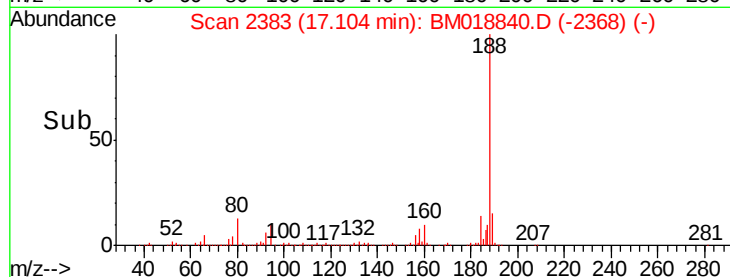
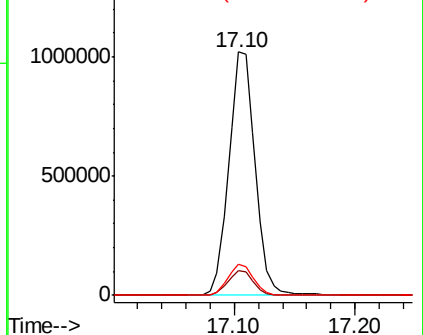
80 12.9 9.7 14.5



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: 21.30 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM018840.D

Acq: 18 Feb 2019 16:11

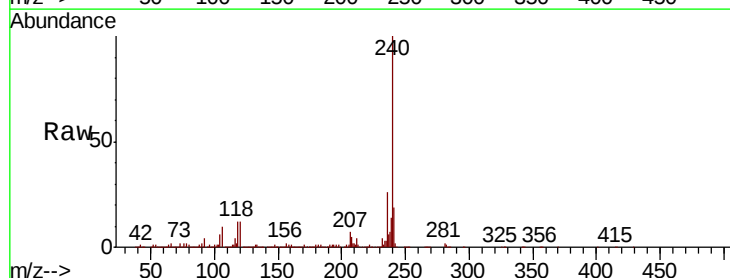
Tgt Ion:240 Resp: 1247251

Ion Ratio Lower Upper

240 100

120 12.3 8.9 13.3

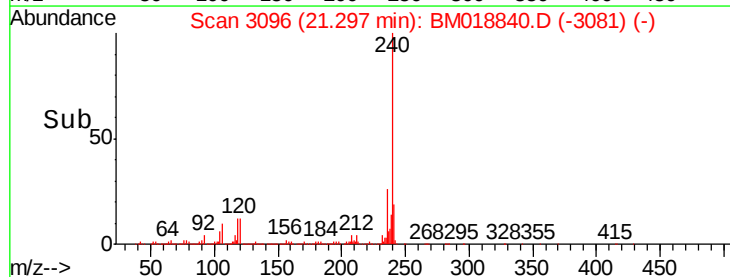
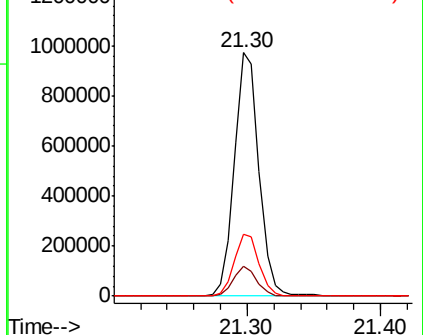
236 25.6 20.9 31.3

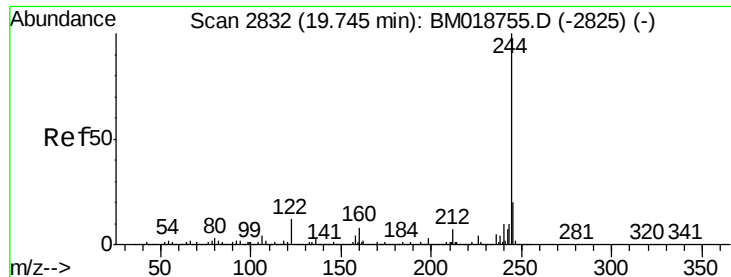


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.112 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM018840.D

Acq: 18 Feb 2019 16:11

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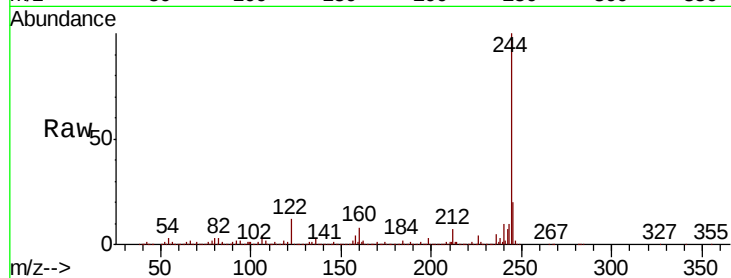
Tot Ion:244 Resp: 5206424

Ion Ratio Lower Upper

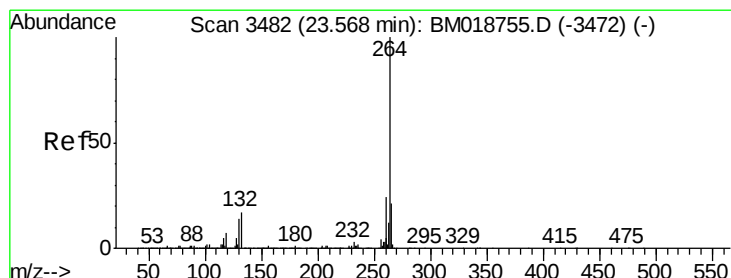
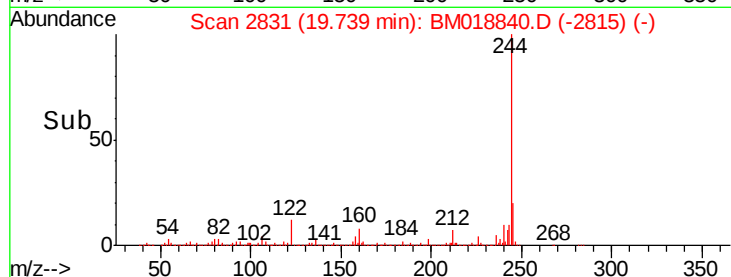
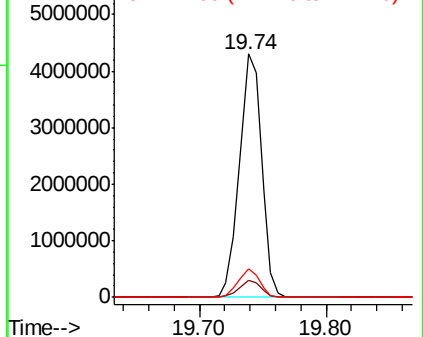
244 100

212 7.0 5.6 8.4

122 11.8 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: 23.56 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BM018840.D

Acq: 18 Feb 2019 16:11

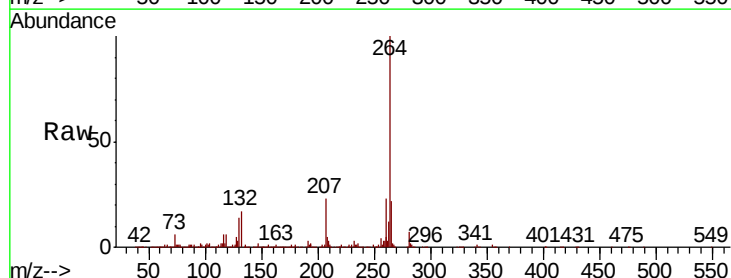
Tgt Ion:264 Resp: 1106487

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.1 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

