

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
 Data File : BM018977.D
 Acq On : 28 Feb 2019 19:50
 Operator : JU/SJ
 Sample : K1341-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-022719-B

Quant Time: Mar 01 01:41:29 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	261325	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	1093269	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	619220	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1397462	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1246386	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1104898	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2390491	149.88	ng	-0.02
7) Phenol-d6	6.87	99	3114494	138.62	ng	-0.02
23) Nitrobenzene-d5	8.86	82	2468686	104.41	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	1541769	172.73	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	4785371	102.59	ng	-0.03
79) Terphenyl-d14	19.73	244	8142995	134.77	ng	-0.02

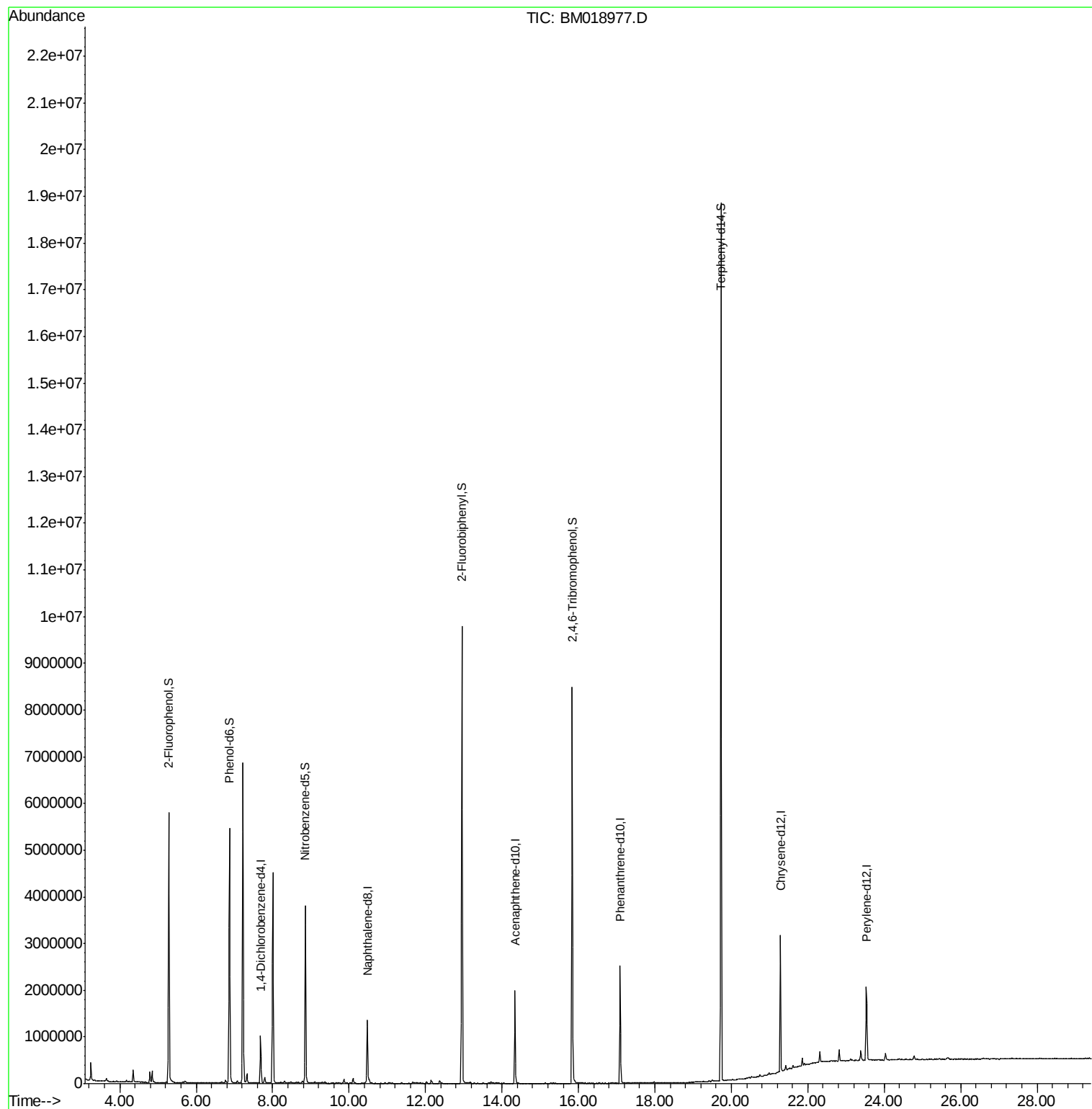
Target Compounds Qvalue

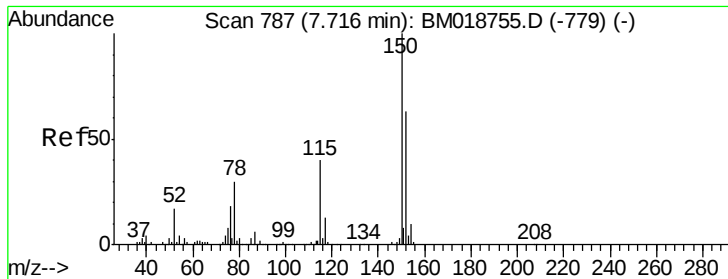
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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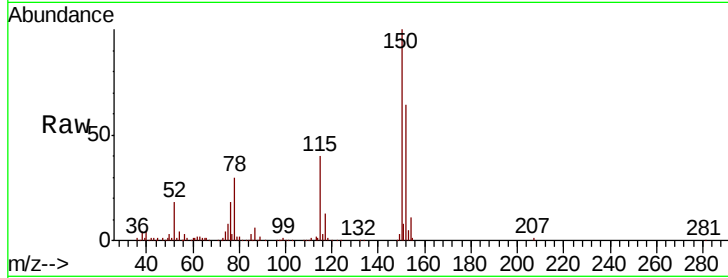


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018977.D
Acq: 28 Feb 2019 19:50

Instrument :
BNA_M
ClientSampleId :
HR-06-022719-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.3	190.9
115	62.1	50.8	76.2

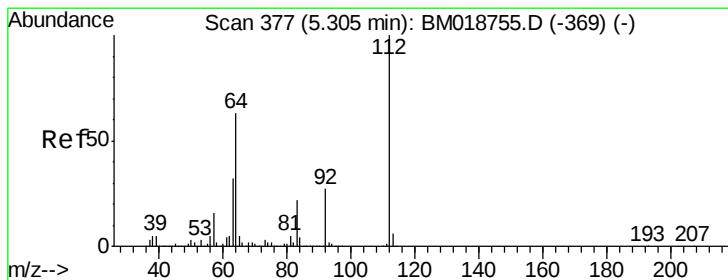
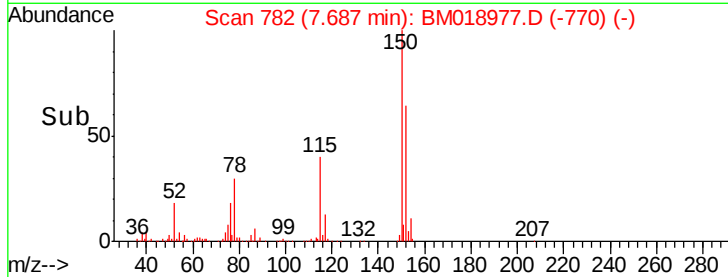
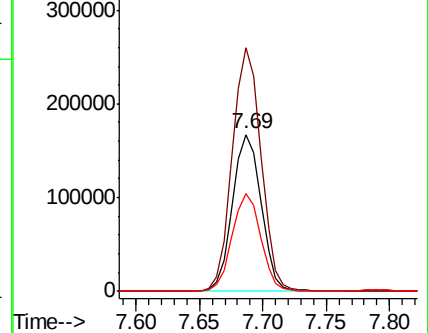


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

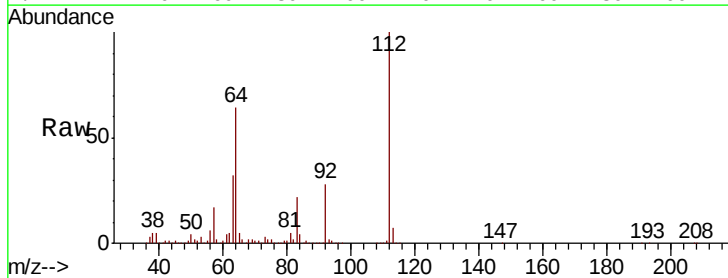
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 149.881 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018977.D
Acq: 28 Feb 2019 19:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	50.6	75.8
63	32.0	25.7	38.5

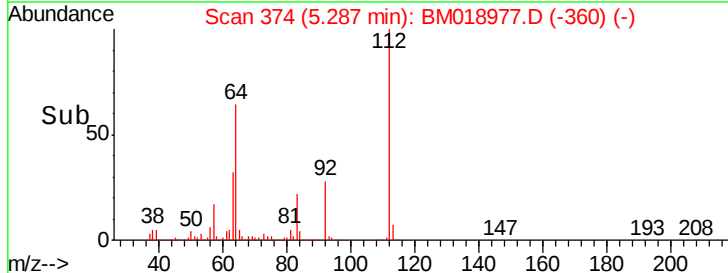
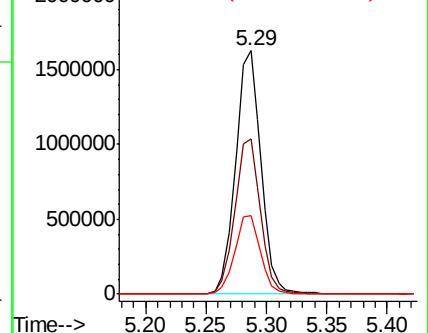


Abundance

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: 138.615 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018977.D

Acq: 28 Feb 2019 19:50

Instrument :

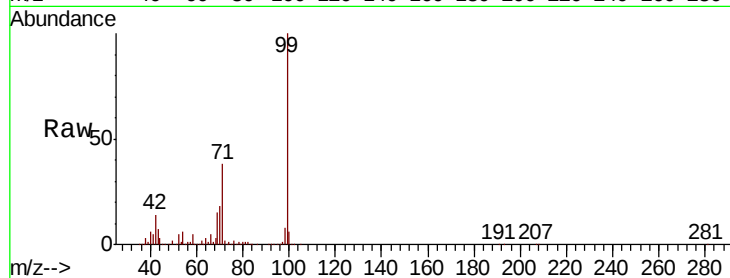
BNA_M

ClientSampleId :

HR-06-022719-B

Tot Ion: 99 Resp: 3114494

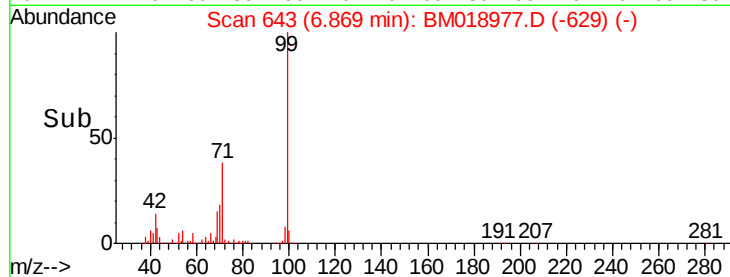
Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.0	16.6
71	38.1	31.3	46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018977.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018977.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018977.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1256

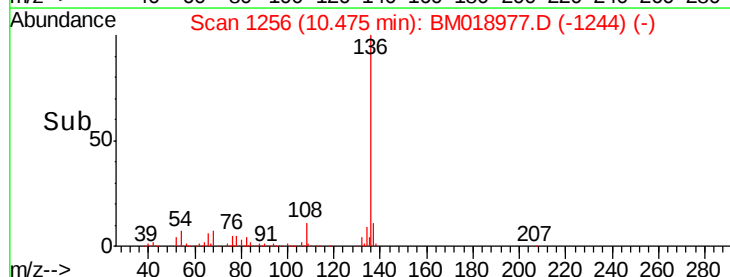
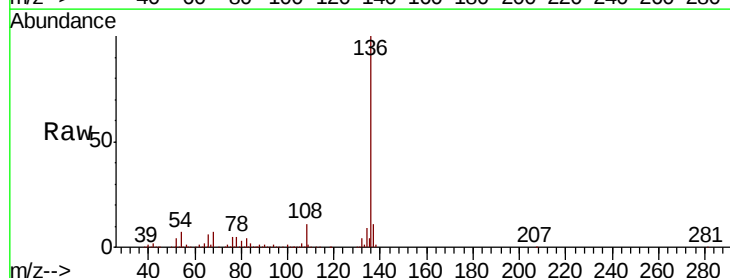
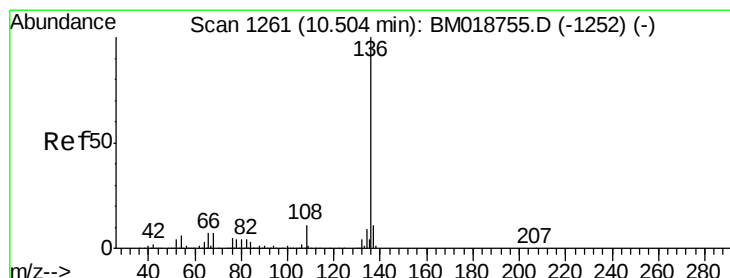
Delta R.T. -0.03 min

Lab File: BM018977.D

Acq: 28 Feb 2019 19:50

Tgt Ion: 136 Resp: 1093269

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.9	5.0	7.6
68	7.2	5.5	8.3

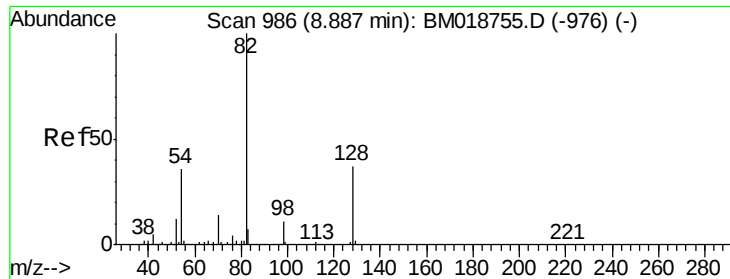


Abundance Ion 136.00 (135.70 to 136.70): BM018977.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018977.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018977.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018977.D (-1244) (-)

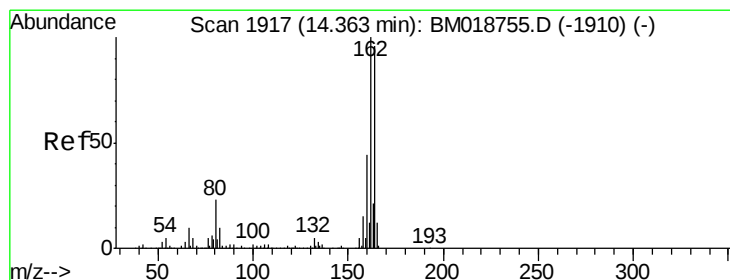
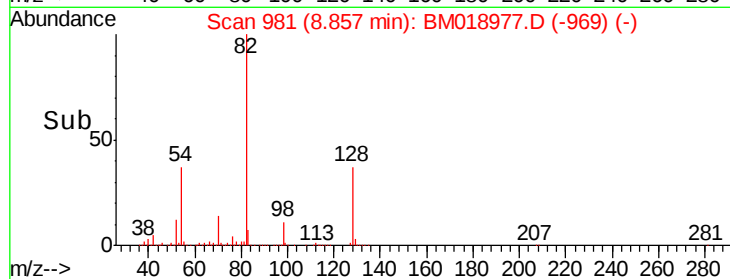
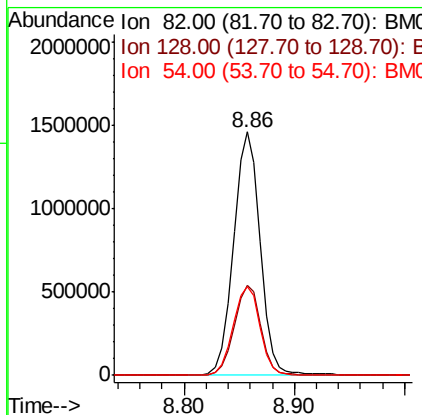
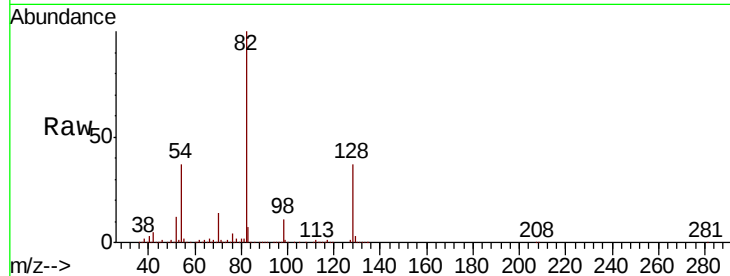


#23
 Nitrobenzene-d5
 Concen: 104.410 ng
 RT: 8.86 min Scan# 981
 Delta R.T. -0.03 min
 Lab File: BM018977.D
 Acq: 28 Feb 2019 19:50

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-022719-B

Tot Ion: 82 Resp: 2468686

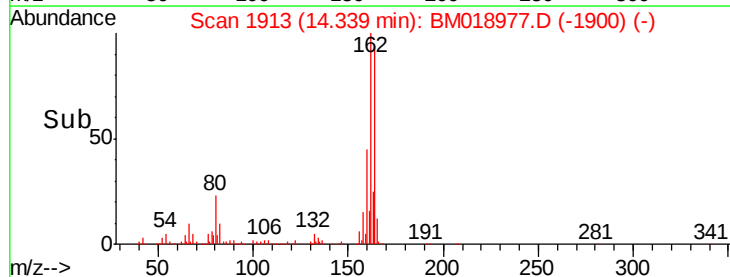
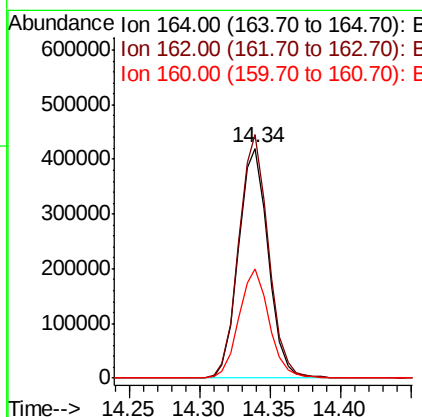
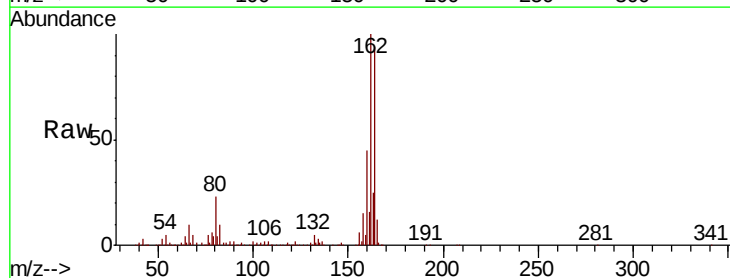
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.9	44.9
54	36.6	29.1	43.7

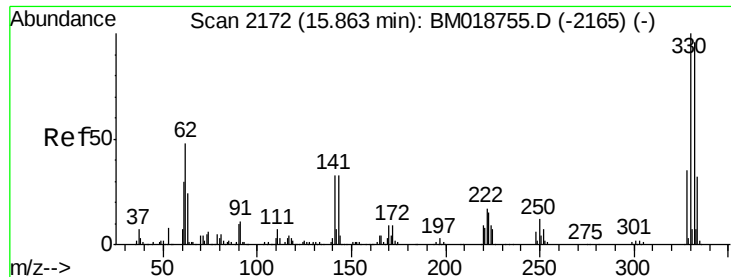


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.34 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM018977.D
 Acq: 28 Feb 2019 19:50

Tgt Ion:164 Resp: 619220

Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.4	125.0
160	47.4	36.6	55.0



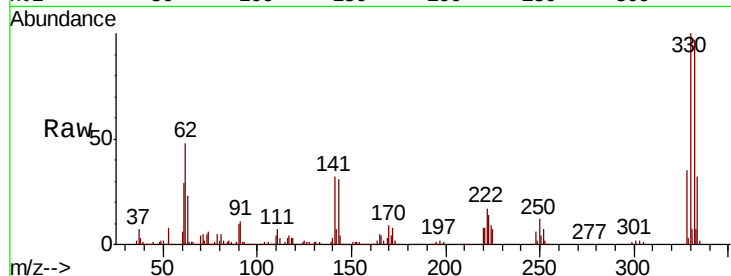


#42
 2,4,6-Tribromophenol
 Concen: 172.730 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM018977.D
 Acq: 28 Feb 2019 19:50

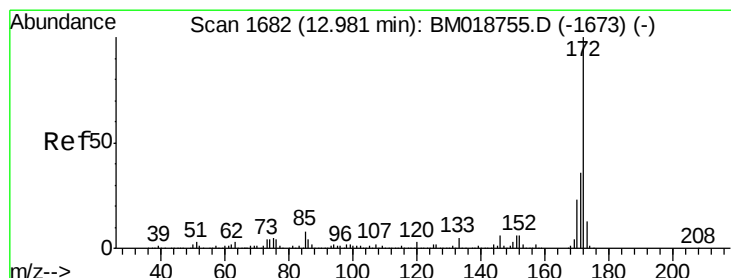
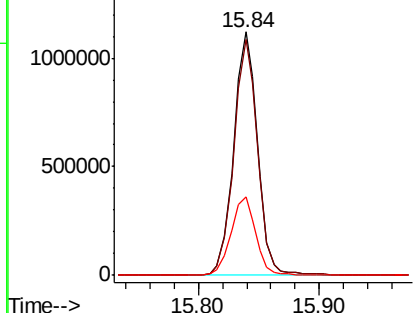
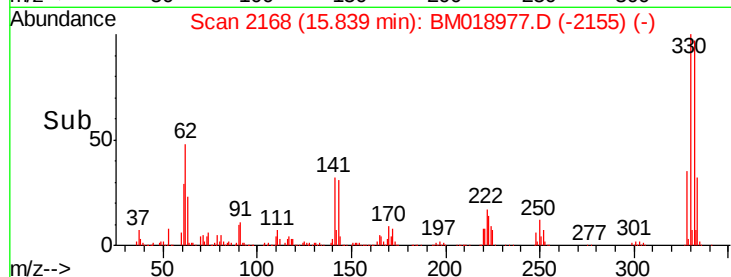
Instrument :
 BNA_M
 ClientSampleId :
 HR-06-022719-B

Tot Ion:330 Resp: 1541769

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	33.5	28.7	43.1



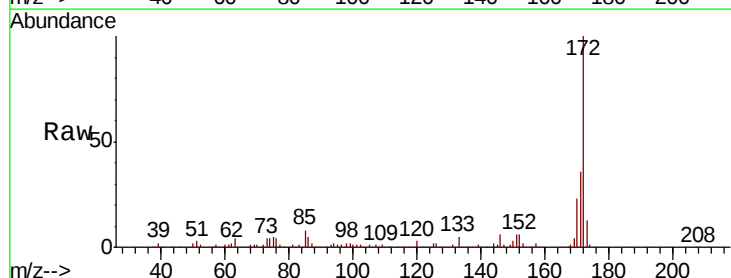
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



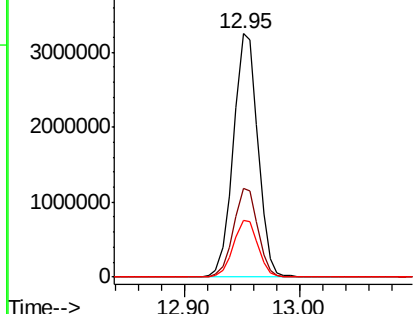
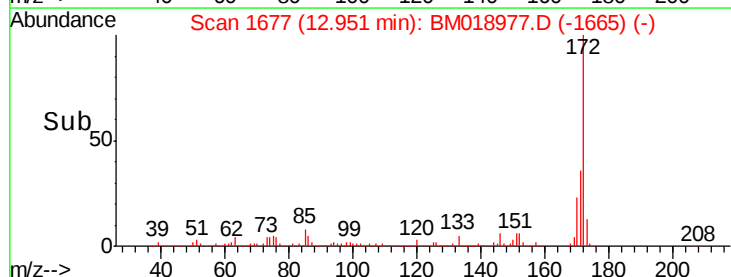
#45
 2-Fluorobiphenyl
 Concen: 102.588 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.03 min
 Lab File: BM018977.D
 Acq: 28 Feb 2019 19:50

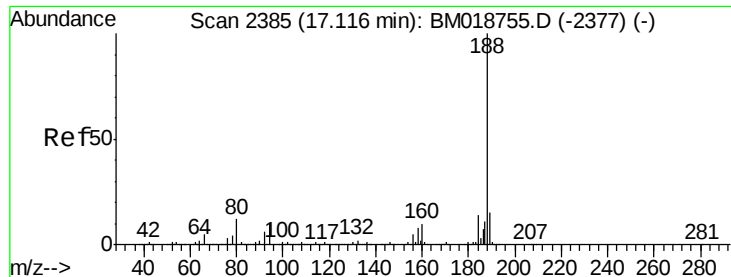
Tgt Ion:172 Resp: 4785371

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	23.5	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

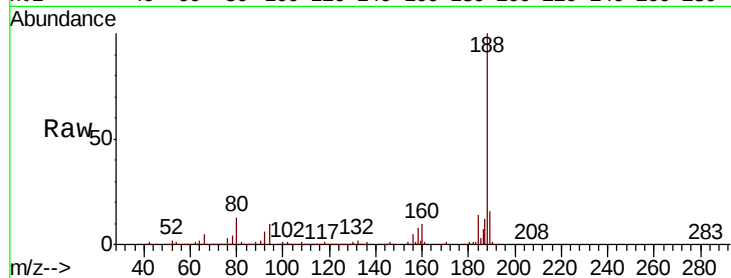




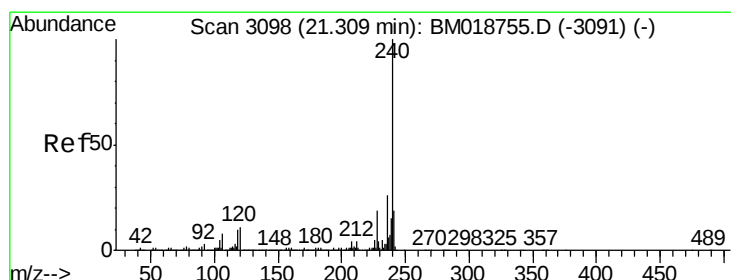
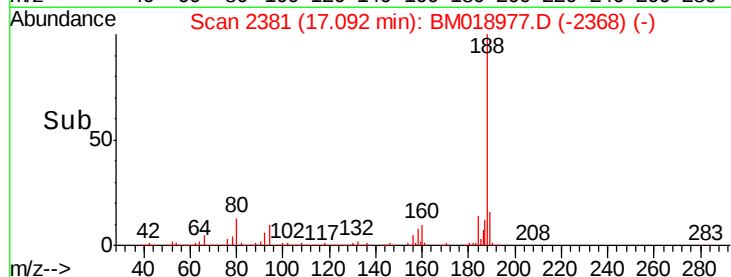
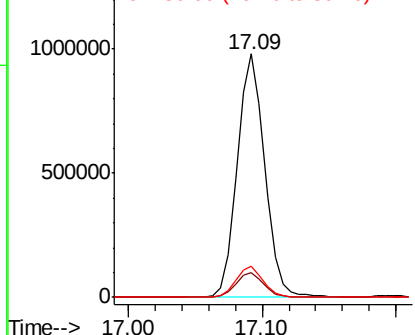
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM018977.D
Acq: 28 Feb 2019 19:50

Instrument :
BNA_M
ClientSampleId :
HR-06-022719-B

Tot Ion:188 Resp: 1397462
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 12.7 9.7 14.5

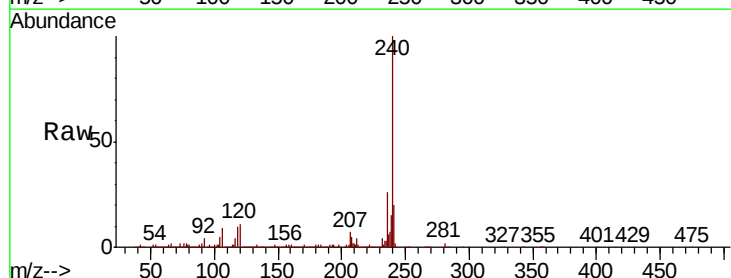


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

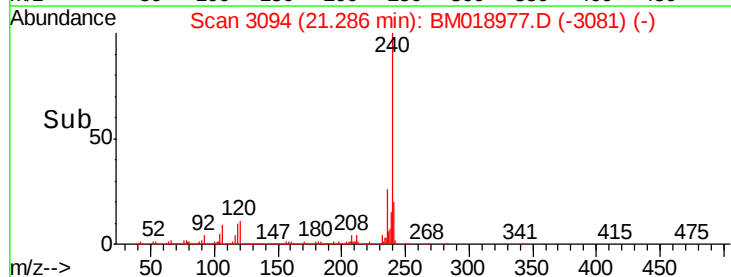
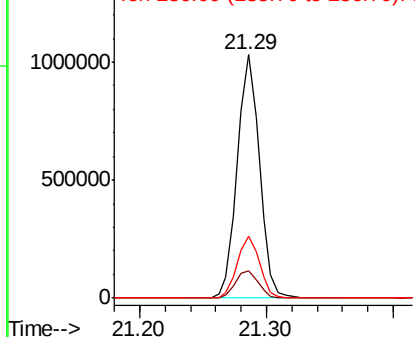


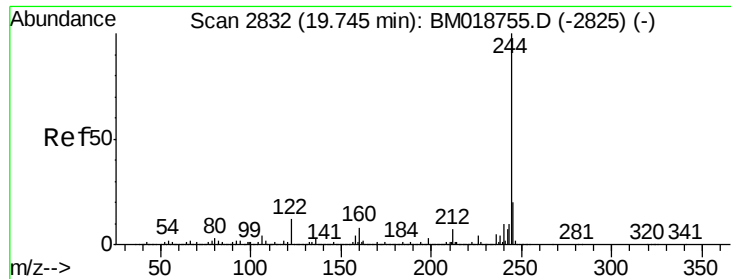
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM018977.D
Acq: 28 Feb 2019 19:50

Tgt Ion:240 Resp: 1246386
Ion Ratio Lower Upper
240 100
120 11.4 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: 134.775 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018977.D

Acq: 28 Feb 2019 19:50

Instrument :

BNA_M

ClientSampleId :

HR-06-022719-B

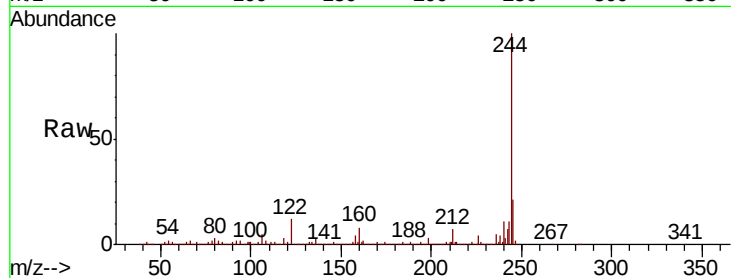
Tot Ion:244 Resp: 8142995

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

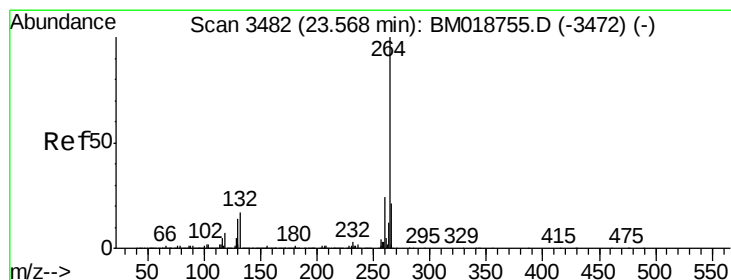
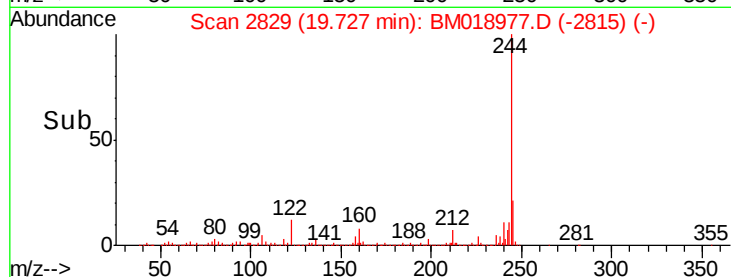
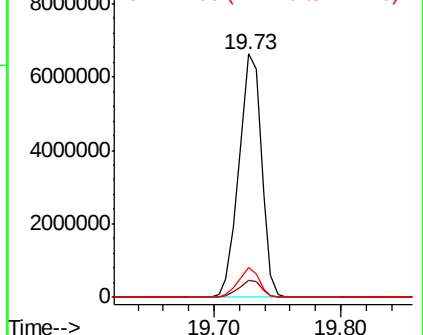
122 12.3 9.3 13.9



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: BM018977.D

Acq: 28 Feb 2019 19:50

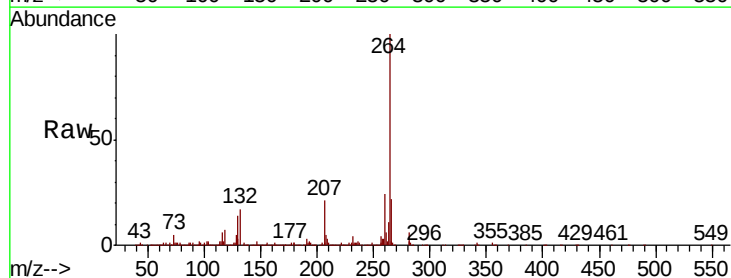
Tgt Ion:264 Resp: 1104898

Ion Ratio Lower Upper

264 100

260 23.6 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

