

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019005.D
 Acq On : 04 Mar 2019 12:28
 Operator : JU/SJ
 Sample : PB117506BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:32:09 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

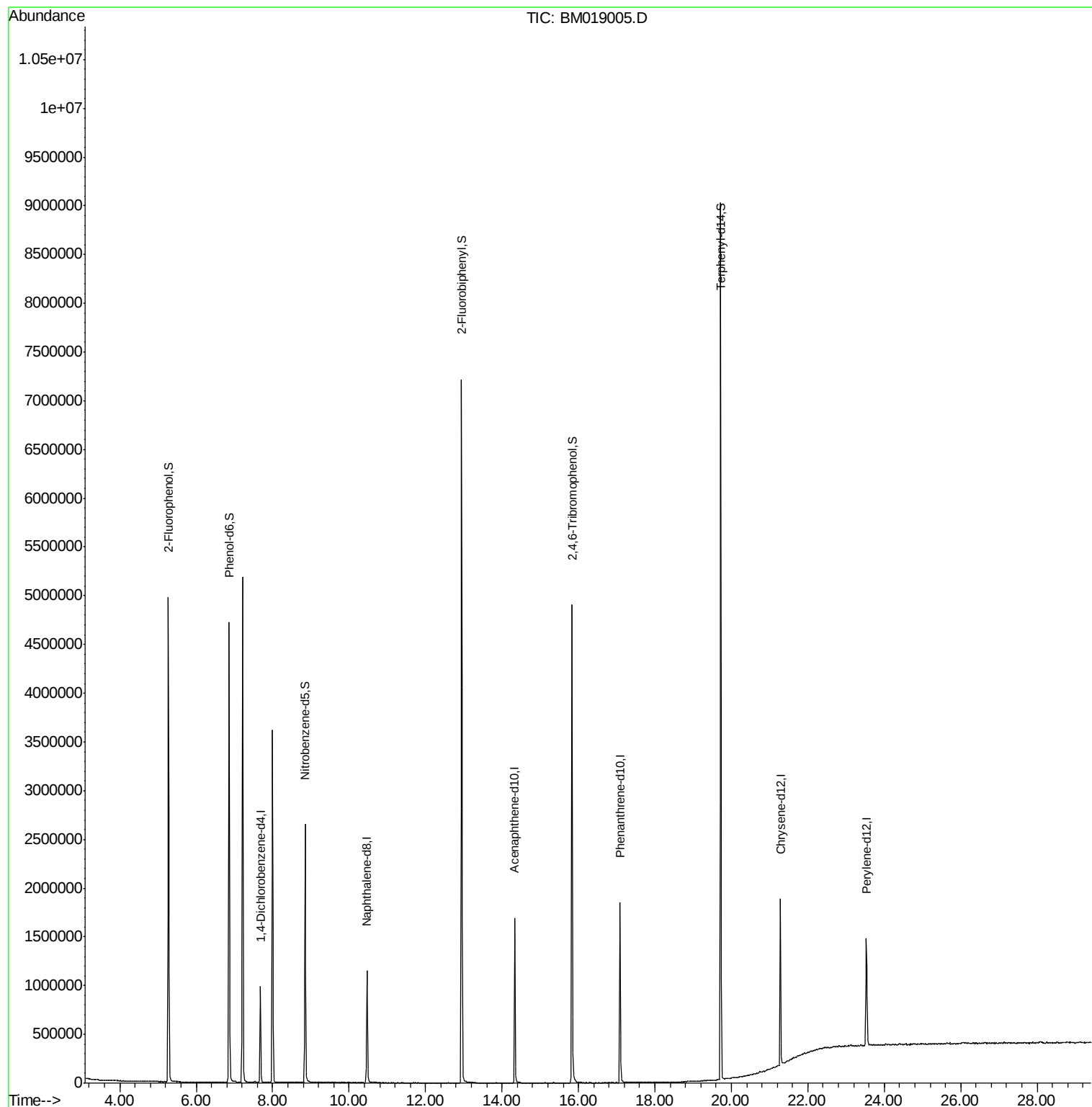
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	243830	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	969217	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	546231	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1101386	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	777392	20.00	ng	-0.02
87) Perylene-d12	23.53	264	818123	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2003382	134.62	ng	-0.03
7) Phenol-d6	6.86	99	2804572	133.78	ng	-0.03
23) Nitrobenzene-d5	8.85	82	1735521	82.80	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	943535	119.83	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	3607702	87.68	ng	-0.04
79) Terphenyl-d14	19.72	244	4018827	106.64	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.86	77	5245	Below Cal	Qvalue #	7

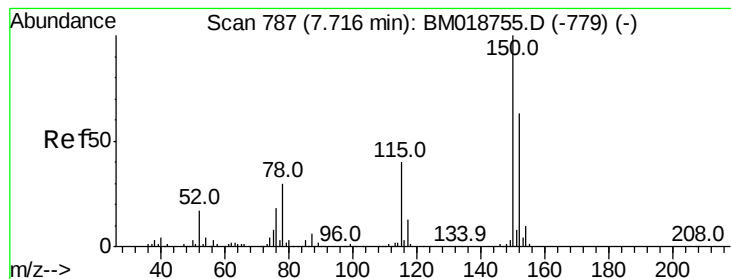
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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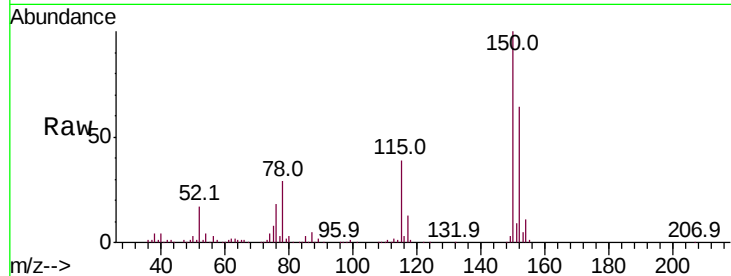


#1

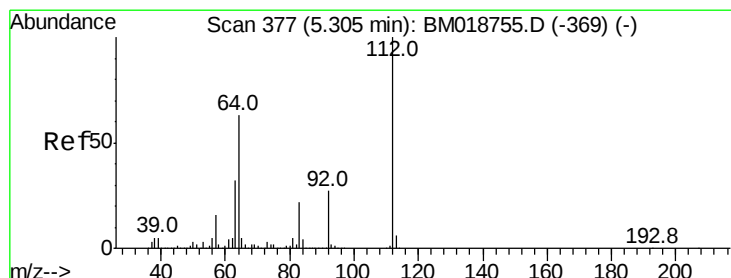
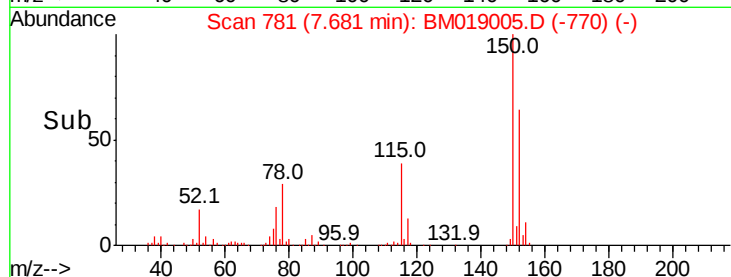
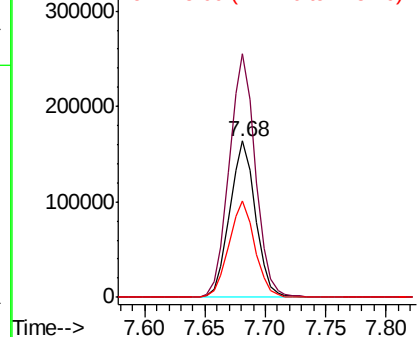
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019005.D
Acq: 04 Mar 2019 12:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 243830
Ion Ratio Lower Upper
152 100
150 155.8 127.3 190.9
115 61.5 50.8 76.2



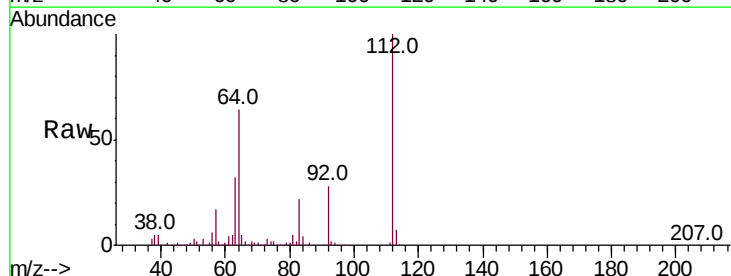
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



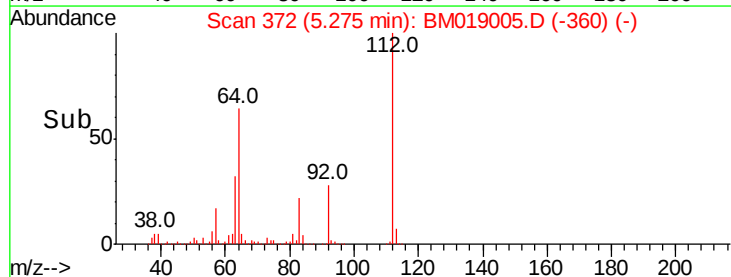
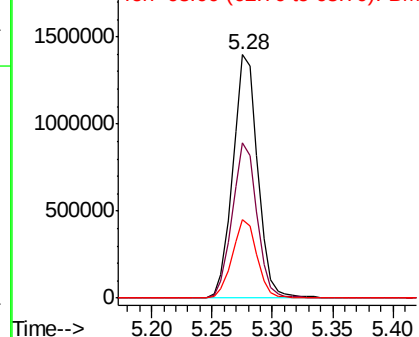
#5

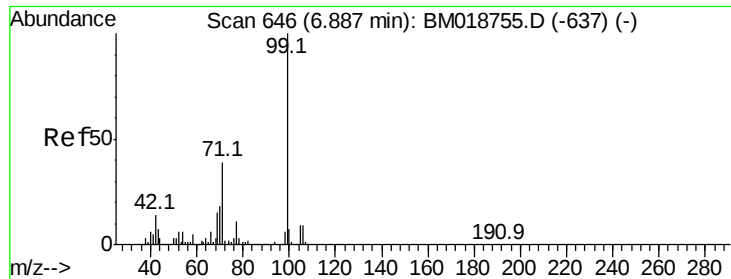
2-Fluorophenol
Concen: 134.622 ng
RT: 5.28 min Scan# 372
Delta R.T. -0.03 min
Lab File: BM019005.D
Acq: 04 Mar 2019 12:28

Tgt Ion:112 Resp: 2003382
Ion Ratio Lower Upper
112 100
64 64.0 50.6 75.8
63 32.5 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: 133.778 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.03 min

Lab File: BM019005.D

Acq: 04 Mar 2019 12:28

Instrument :

BNA_M

ClientSampleId :

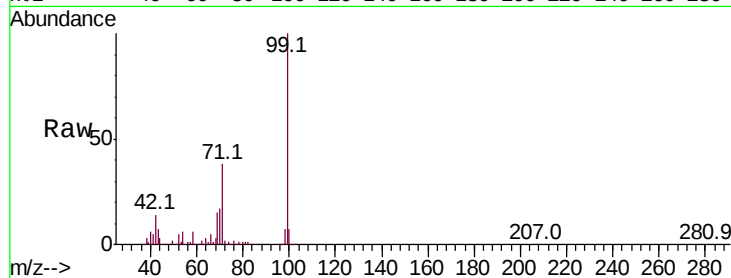
Tot Ion: 99 Resp: 2804572

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

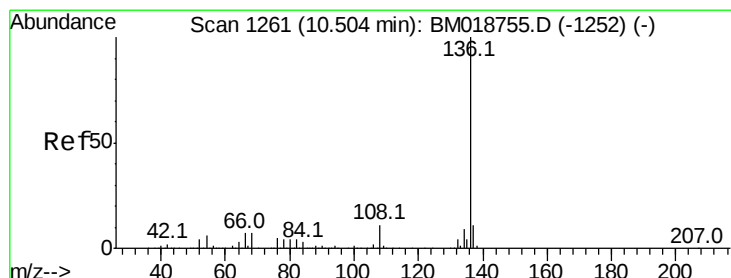
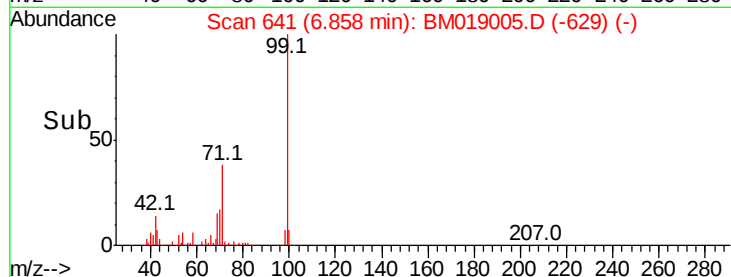
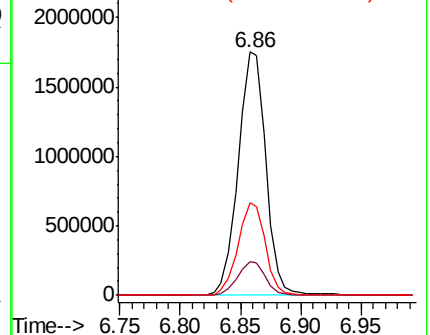
71 37.9 31.3 46.9



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: BM019005.D

Acq: 04 Mar 2019 12:28

Tgt Ion: 136 Resp: 969217

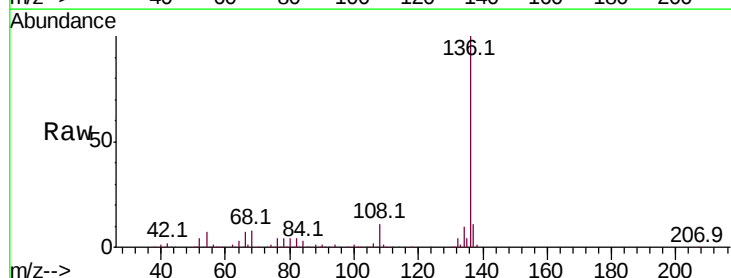
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.7 5.0 7.6

68 7.6 5.5 8.3

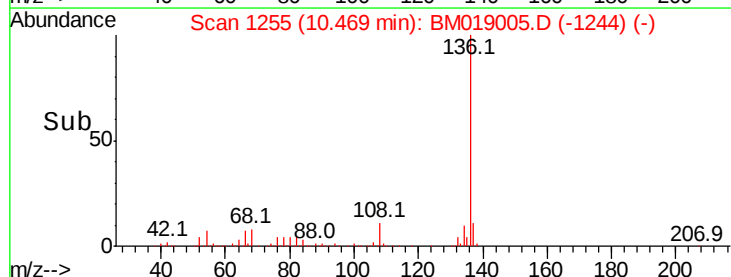
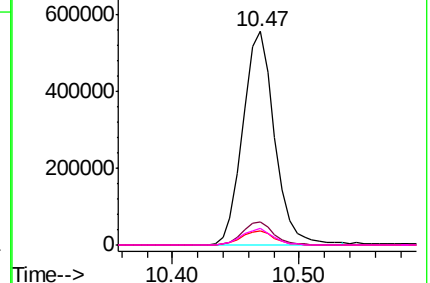


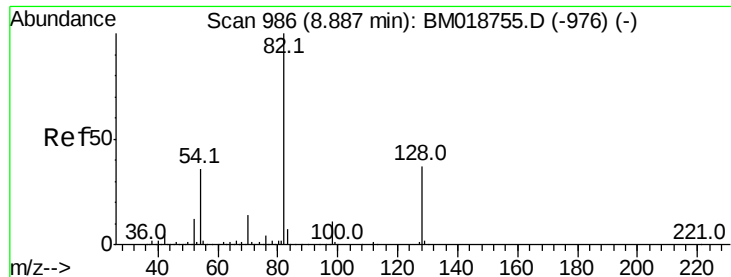
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

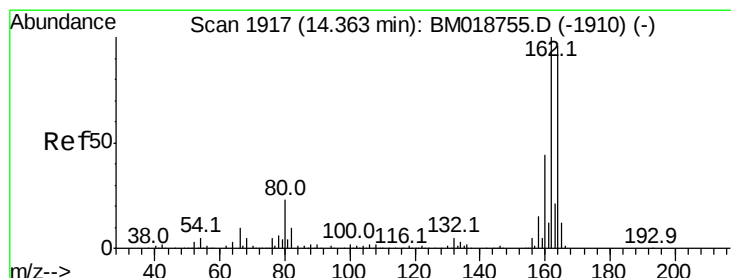
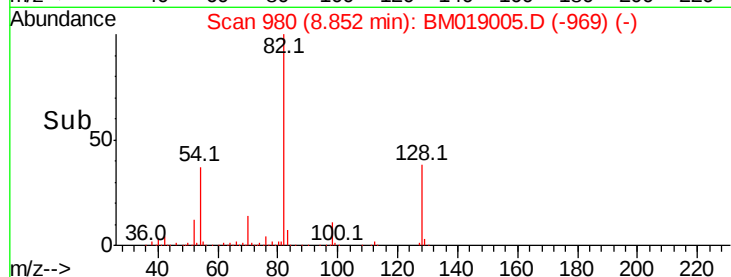
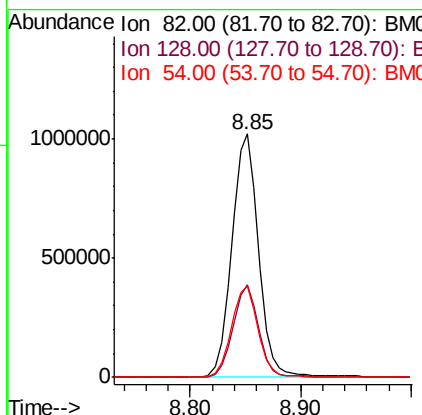
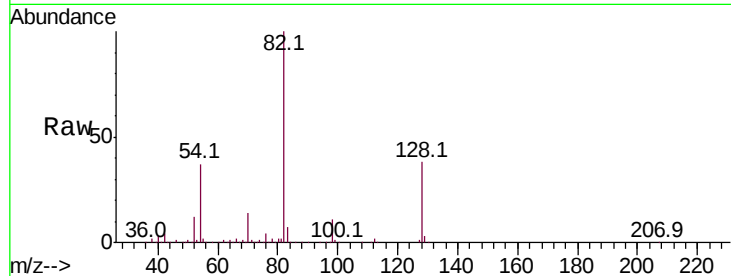




#23
Nitrobenzene-d5
Concen: 82.797 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BM019005.D
Acq: 04 Mar 2019 12:28

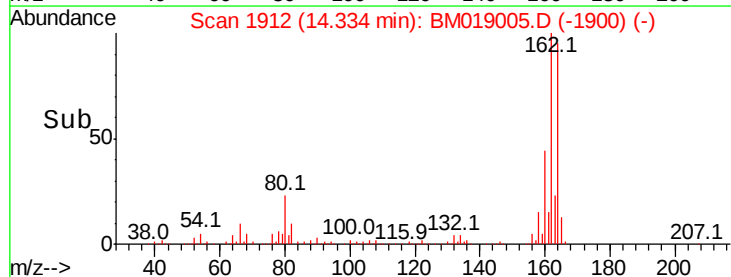
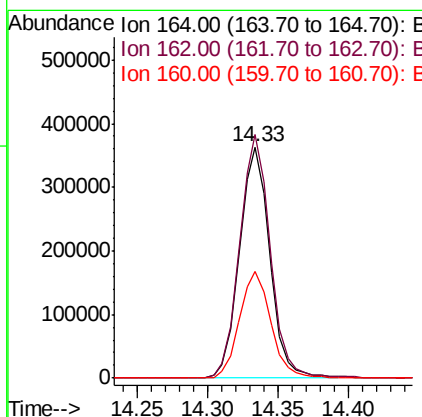
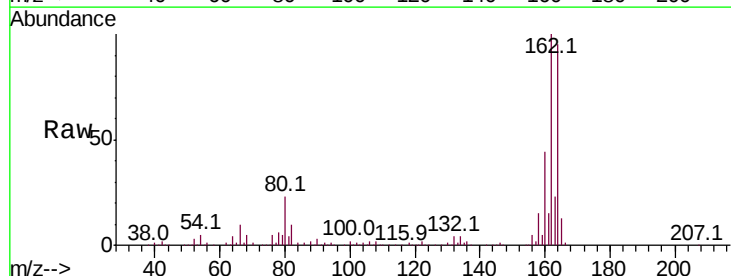
Instrument :
BNA_M
ClientSampled :

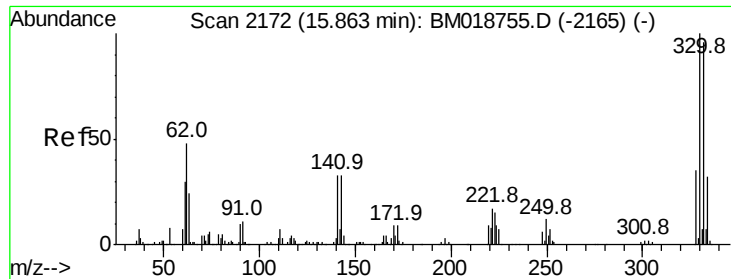
Tot Ion: 82 Resp: 173521
Ion Ratio Lower Upper
82 100
128 37.8 29.9 44.9
54 37.3 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM019005.D
Acq: 04 Mar 2019 12:28

Tgt Ion:164 Resp: 546231
Ion Ratio Lower Upper
164 100
162 105.3 83.4 125.0
160 45.9 36.6 55.0

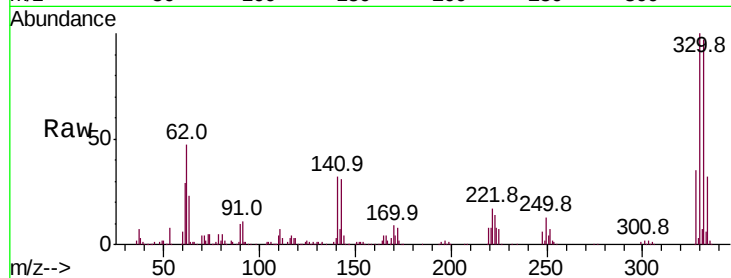




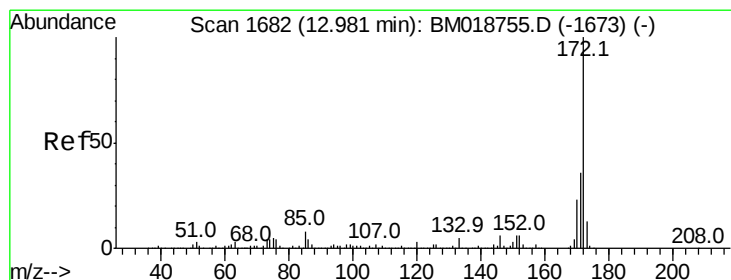
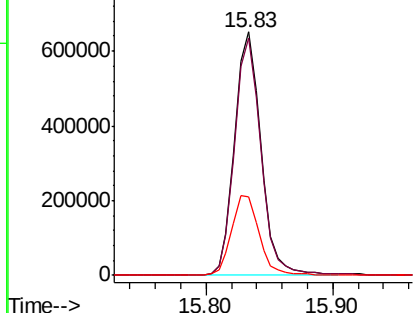
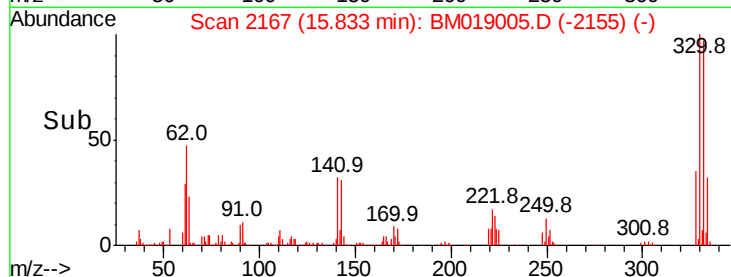
#42
 2,4,6-Tribromophenol
 Concen: 119.833 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM019005.D
 Acq: 04 Mar 2019 12:28

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 943535
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.9 115.3
 141 34.2 28.7 43.1

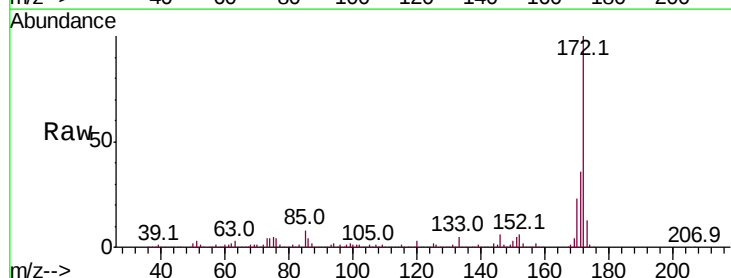


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

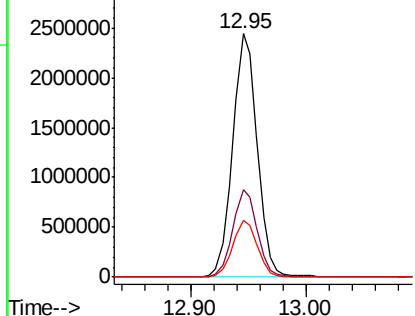
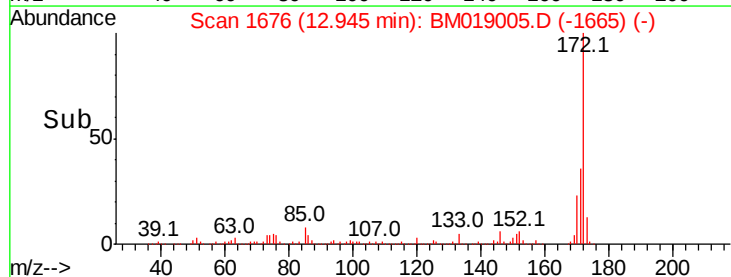


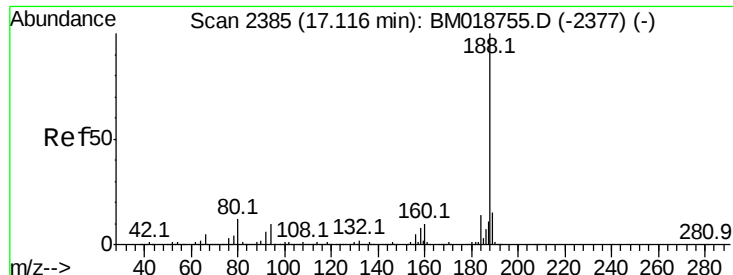
#45
 2-Fluorobiphenyl
 Concen: 87.676 ng
 RT: 12.95 min Scan# 1676
 Delta R.T. -0.04 min
 Lab File: BM019005.D
 Acq: 04 Mar 2019 12:28

Tgt Ion:172 Resp: 3607702
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

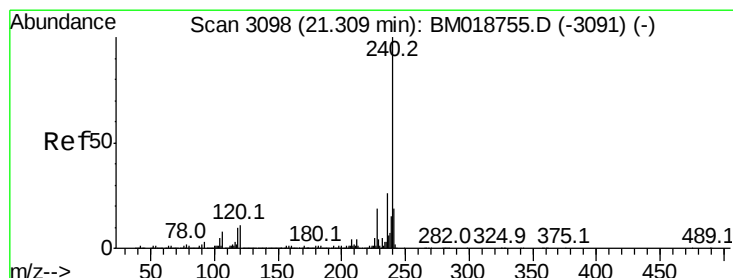
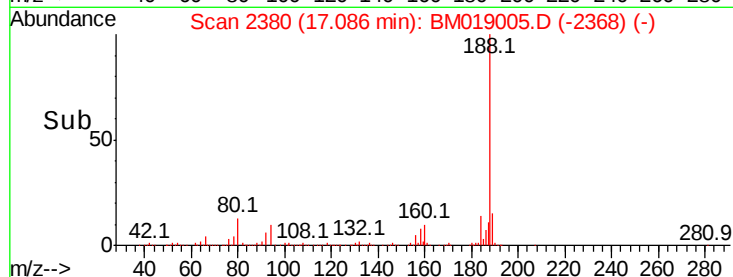
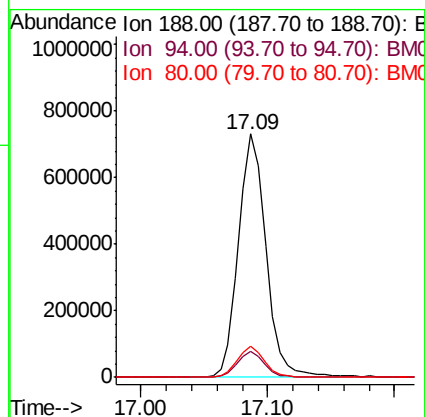
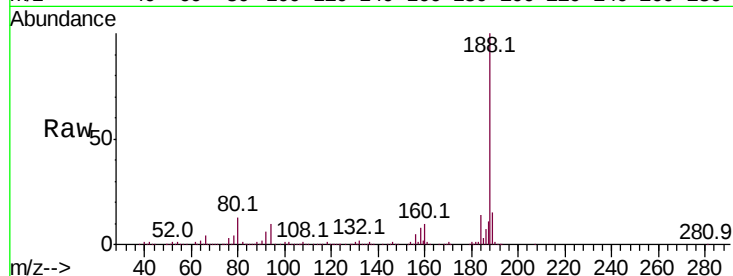




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM019005.D
Acq: 04 Mar 2019 12:28

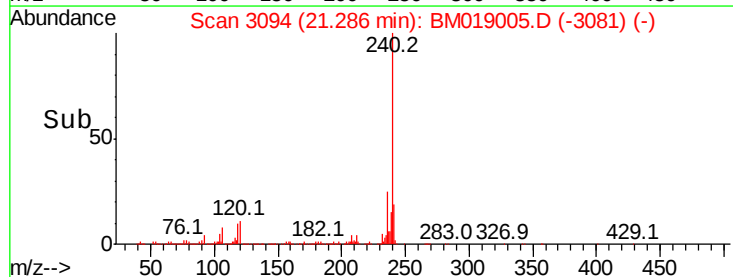
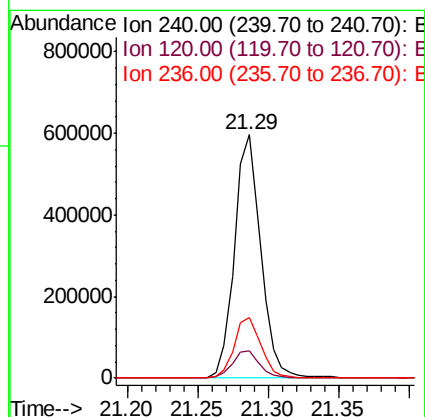
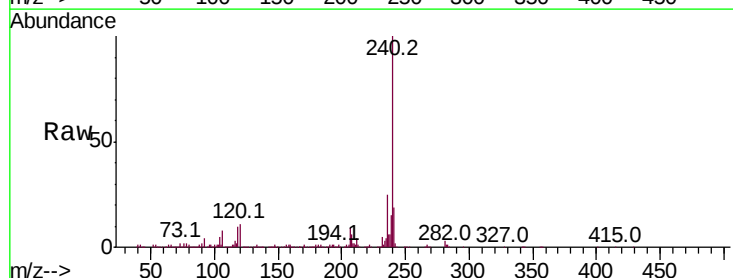
Instrument :
BNA_M
ClientSampled :

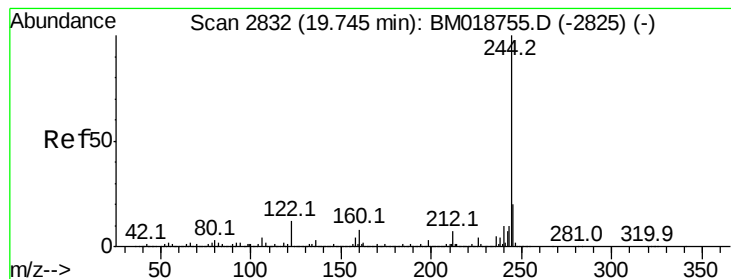
Tot Ion:188 Resp: 1101386
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 12.6 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM019005.D
Acq: 04 Mar 2019 12:28

Tgt Ion:240 Resp: 777392
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.1 20.9 31.3





#79

Terphenyl-d14

Concen: 106.644 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.02 min

Lab File: BM019005.D

Acq: 04 Mar 2019 12:28

Instrument :

BNA_M

ClientSampleId :

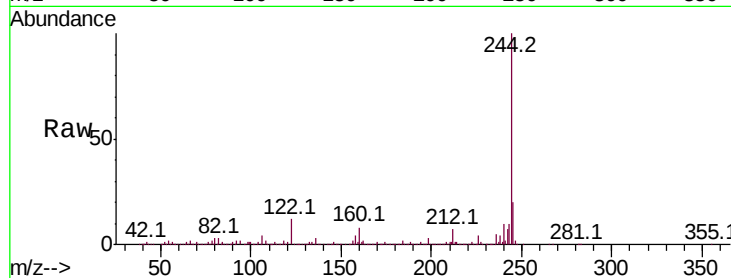
Tot Ion:244 Resp: 4018827

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

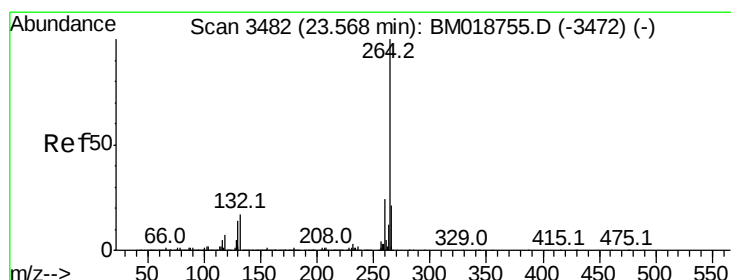
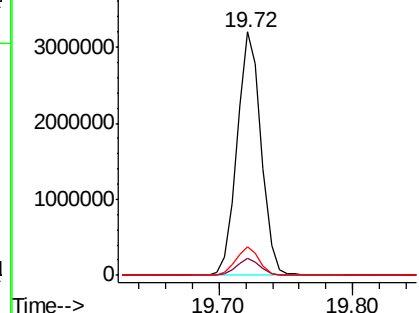
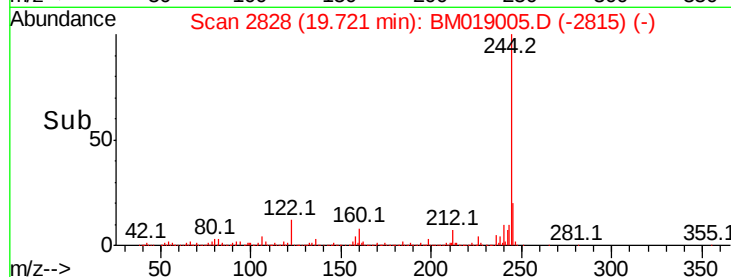
122 11.9 9.3 13.9



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: BM019005.D

Acq: 04 Mar 2019 12:28

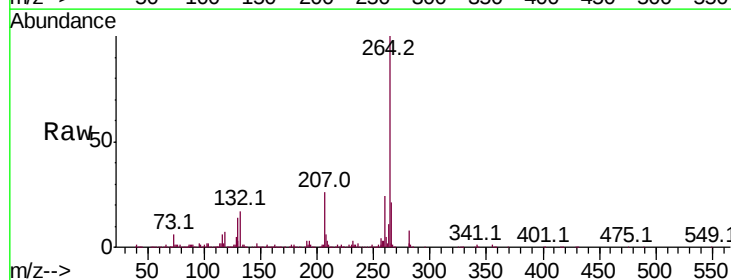
Tgt Ion:264 Resp: 818123

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.4 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

