

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019020.D
 Acq On : 04 Mar 2019 21:29
 Operator : JU/SJ
 Sample : K1655-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:36:30 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

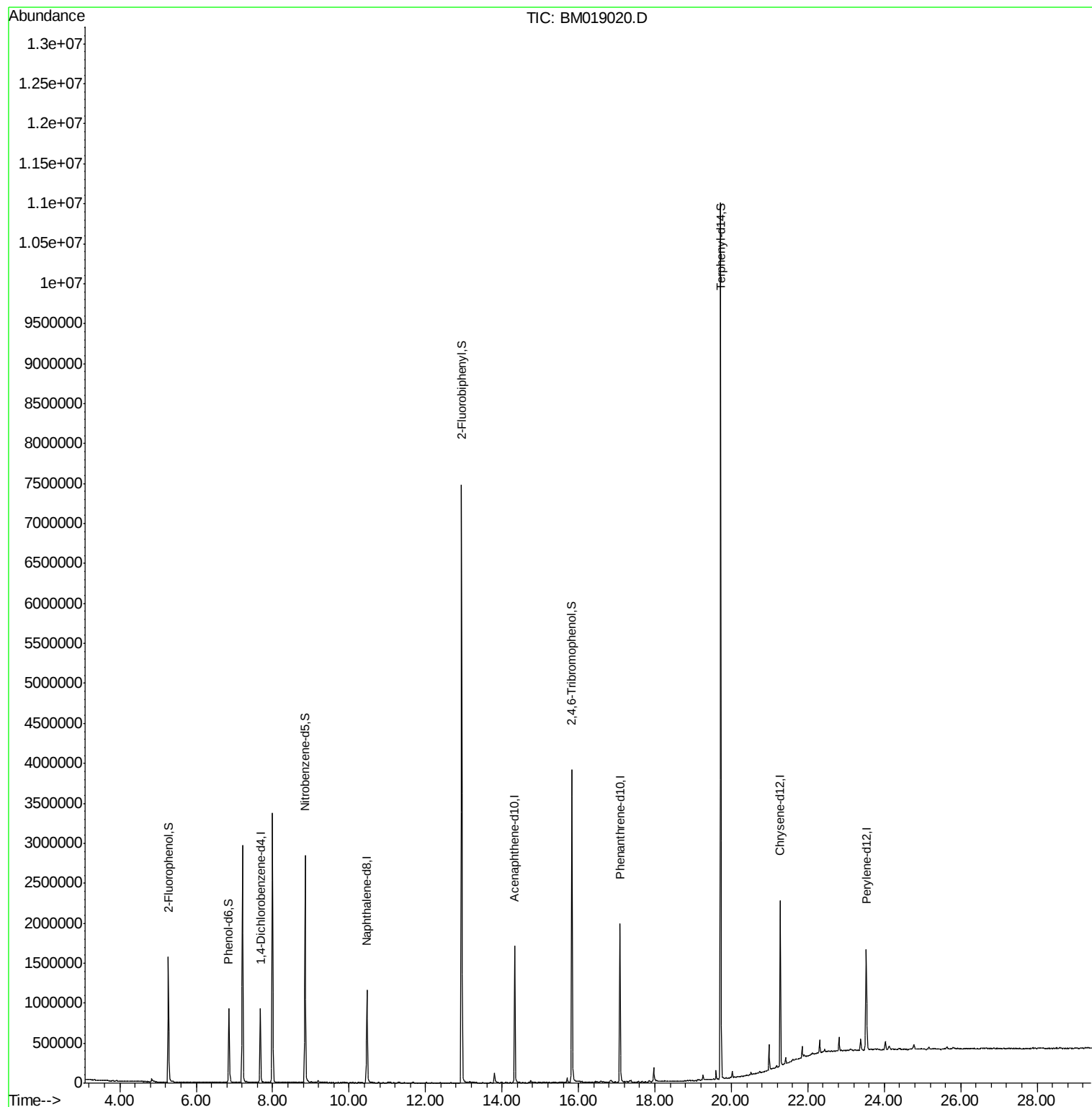
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	247988	20.00	ng	-0.04
21) Naphthalene-d8	10.46	136	973378	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	553171	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1157586	20.00	ng	-0.03
76) Chrysene-d12	21.28	240	926935	20.00	ng	-0.03
87) Perylene-d12	23.53	264	895260	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	642481	42.45	ng	-0.03
7) Phenol-d6	6.85	99	546403	25.63	ng	-0.04
23) Nitrobenzene-d5	8.85	82	1849930	87.88	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	728810	91.40	ng	-0.04
45) 2-Fluorobiphenyl	12.95	172	3704961	88.91	ng	-0.04
79) Terphenyl-d14	19.72	244	4560855	101.50	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.85	77	2582	Below Cal	Qvalue #	7

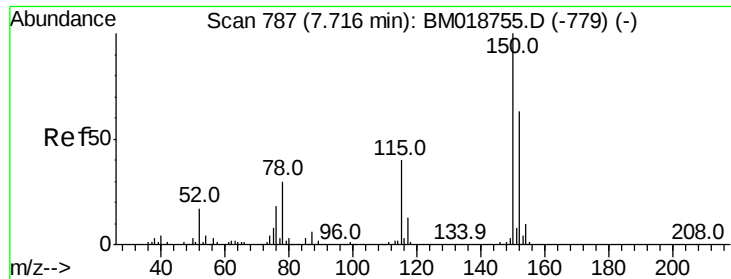
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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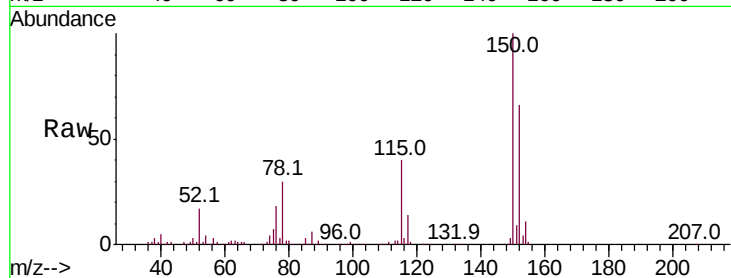


#1

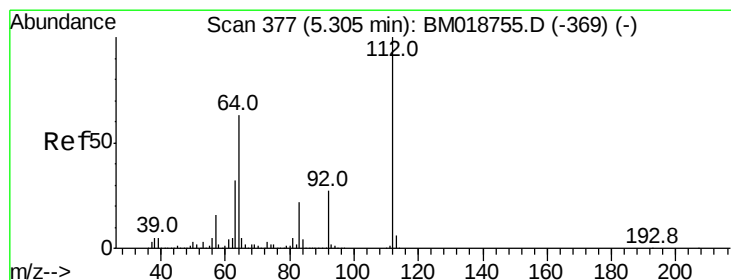
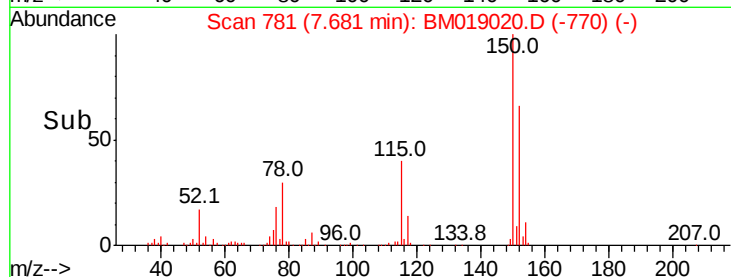
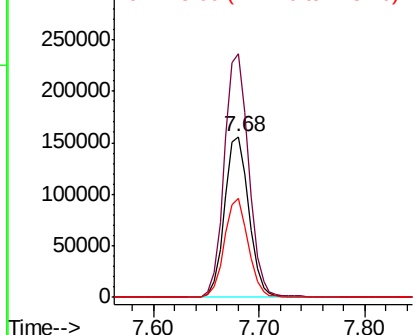
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019020.D
Acq: 04 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 247988
Ion Ratio Lower Upper
152 100
150 151.2 127.3 190.9
115 61.1 50.8 76.2



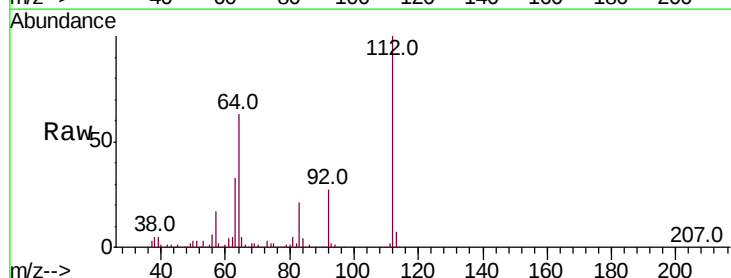
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



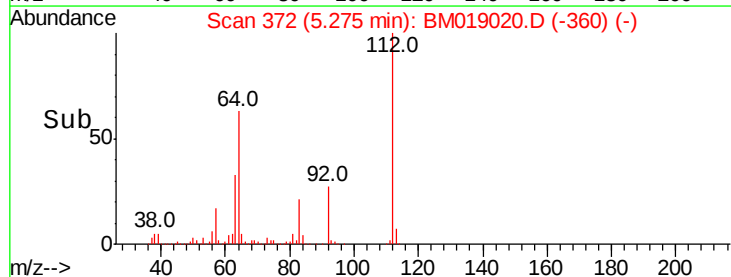
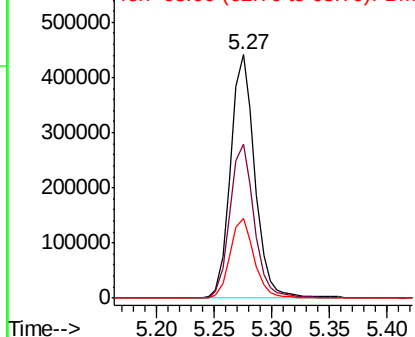
#5

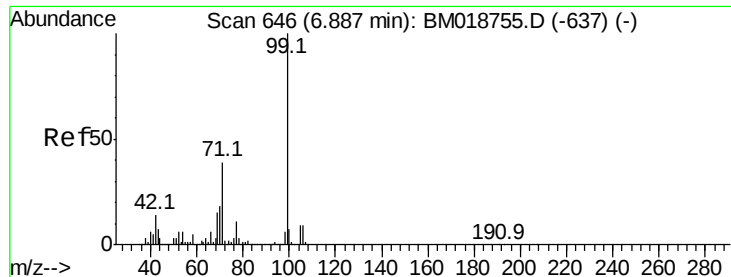
2-Fluorophenol
Concen: 42.449 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.03 min
Lab File: BM019020.D
Acq: 04 Mar 2019 21:29

Tgt Ion:112 Resp: 642481
Ion Ratio Lower Upper
112 100
64 63.2 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: 25.626 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.04 min

Lab File: BM019020.D

Acq: 04 Mar 2019 21:29

Instrument :

BNA_M

ClientSampled :

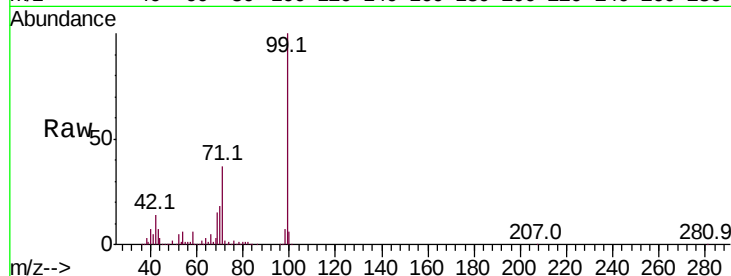
Tot Ion: 99 Resp: 546403

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

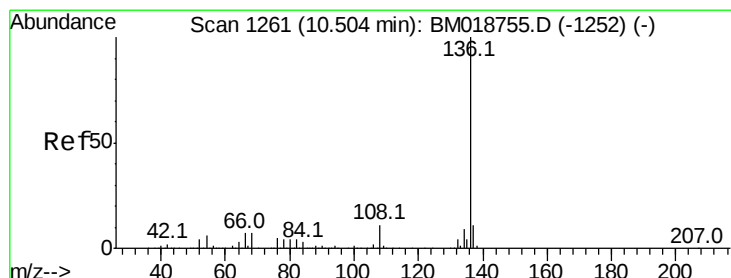
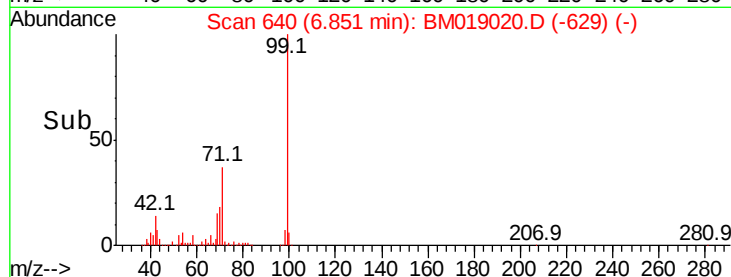
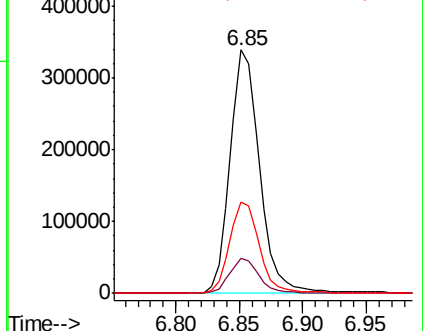
71 37.5 31.3 46.9



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: 10.46 min Scan# 1254

Delta R.T. -0.04 min

Lab File: BM019020.D

Acq: 04 Mar 2019 21:29

Tgt Ion: 136 Resp: 973378

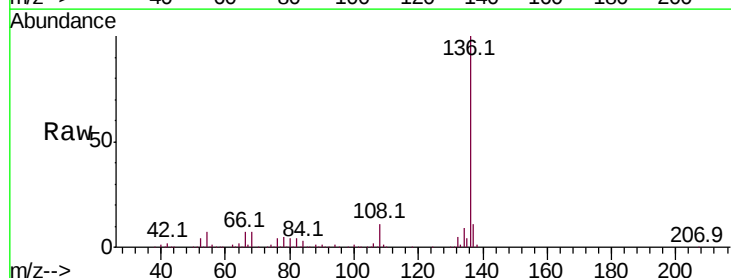
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.9 5.0 7.6

68 7.5 5.5 8.3

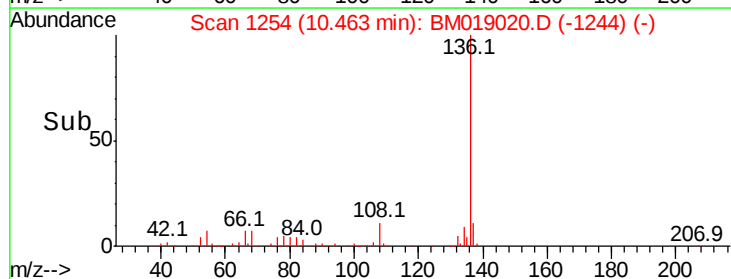
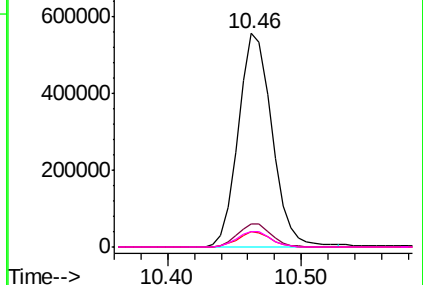


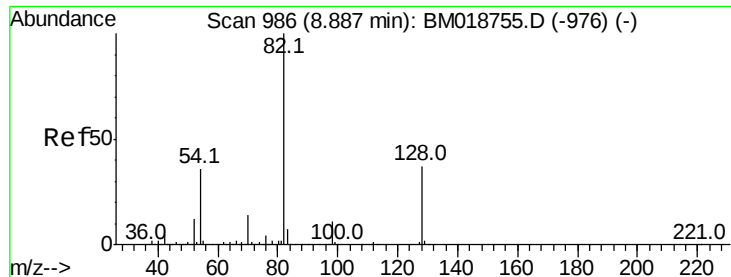
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

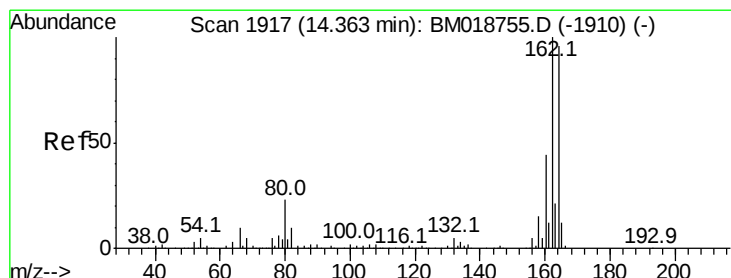
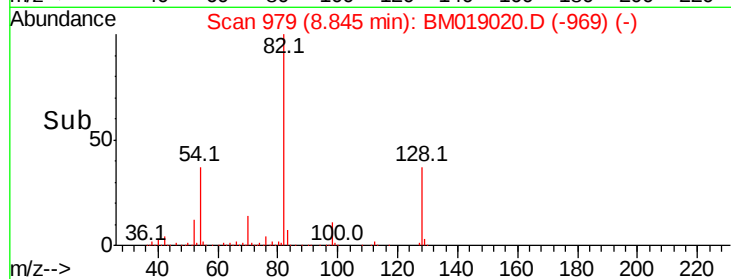
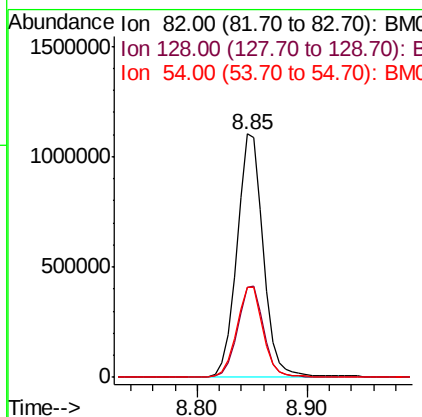
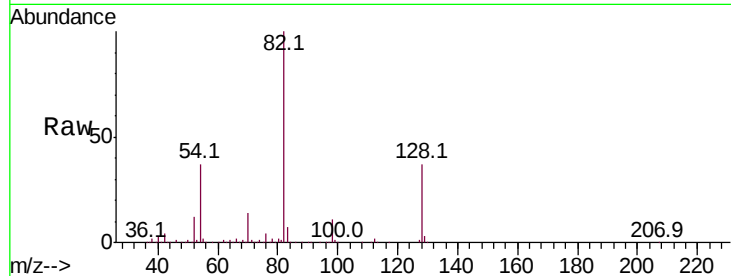




#23
Nitrobenzene-d5
Concen: 87.878 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.04 min
Lab File: BM019020.D
Acq: 04 Mar 2019 21:29

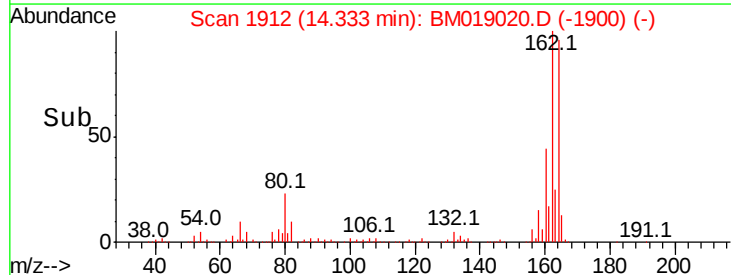
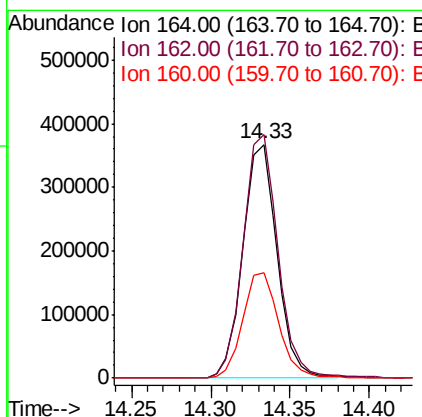
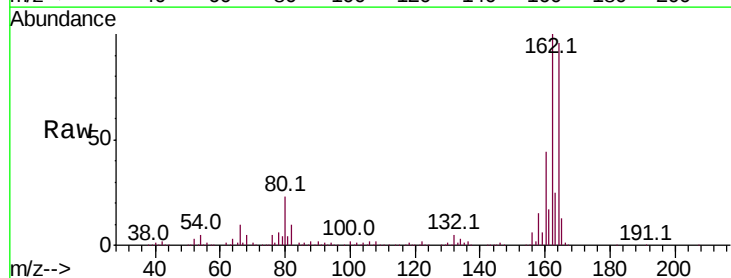
Instrument :
BNA_M
ClientSampled :

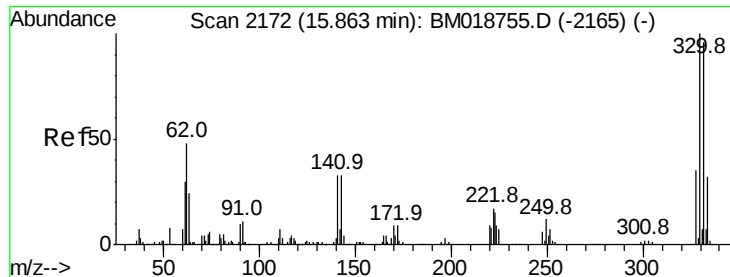
Tot Ion: 82 Resp: 1849930
Ion Ratio Lower Upper
82 100
128 36.8 29.9 44.9
54 37.2 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM019020.D
Acq: 04 Mar 2019 21:29

Tgt Ion:164 Resp: 553171
Ion Ratio Lower Upper
164 100
162 104.1 83.4 125.0
160 45.3 36.6 55.0

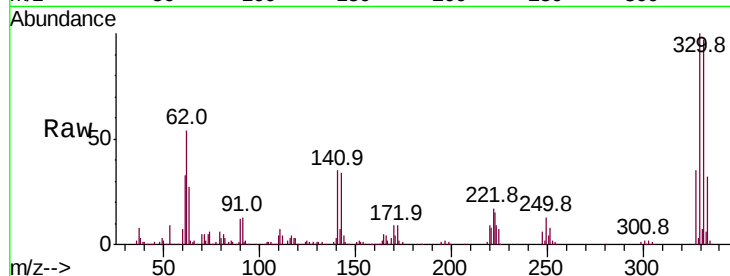




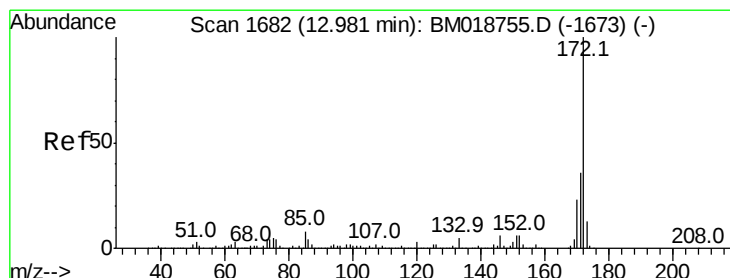
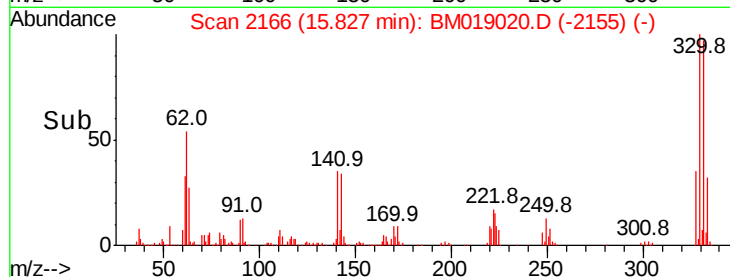
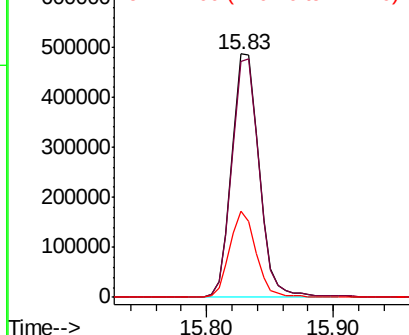
#42
 2,4,6-Tribromophenol
 Concen: 91.401 ng
 RT: 15.83 min Scan# 2166
 Delta R.T. -0.04 min
 Lab File: BM019020.D
 Acq: 04 Mar 2019 21:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 728810
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.9 115.3
 141 34.2 28.7 43.1

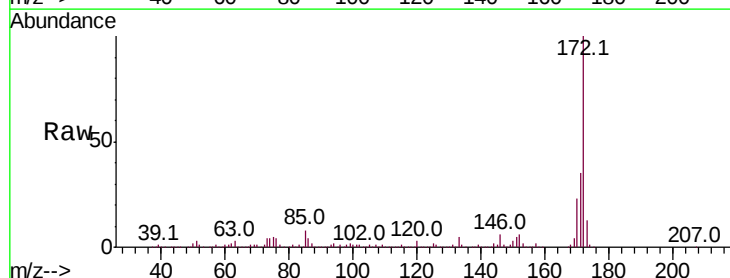


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

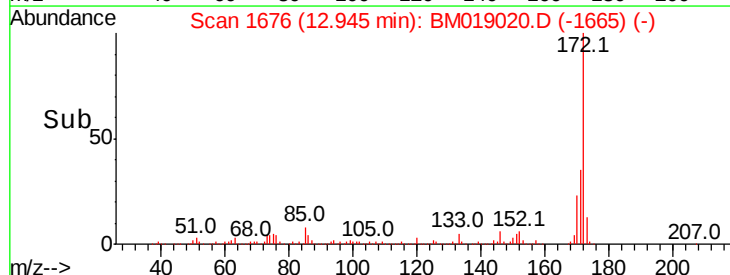
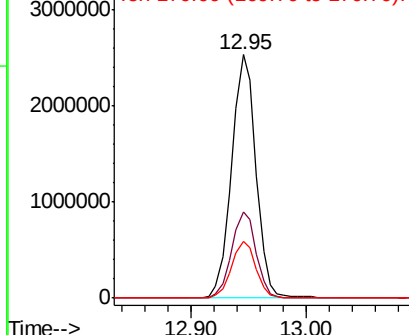


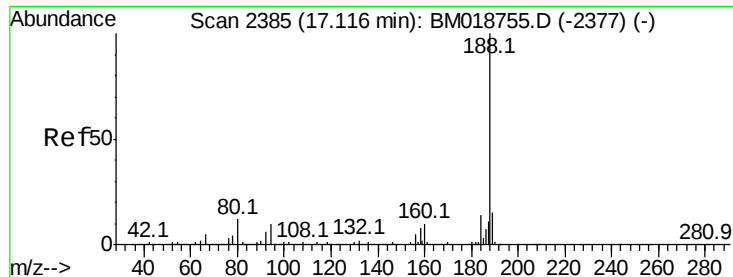
#45
 2-Fluorobiphenyl
 Concen: 88.910 ng
 RT: 12.95 min Scan# 1676
 Delta R.T. -0.04 min
 Lab File: BM019020.D
 Acq: 04 Mar 2019 21:29

Tgt Ion:172 Resp: 3704961
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.6
 170 23.4 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

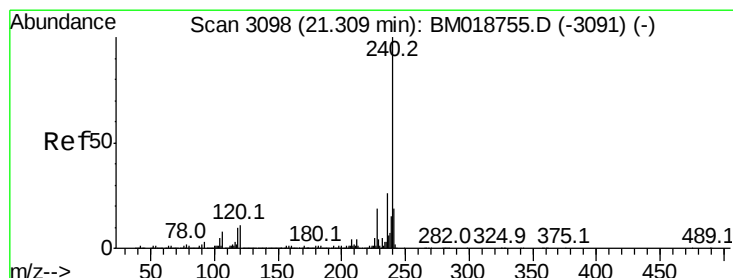
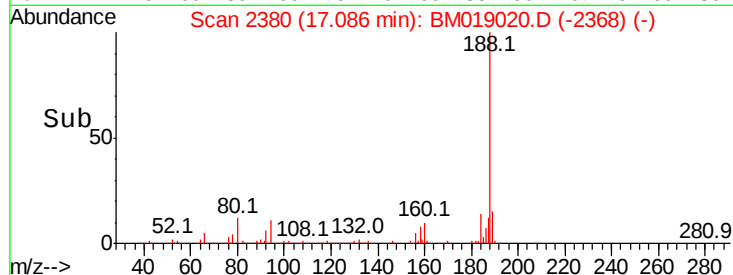
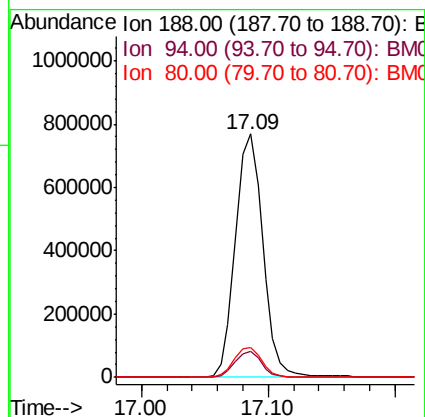
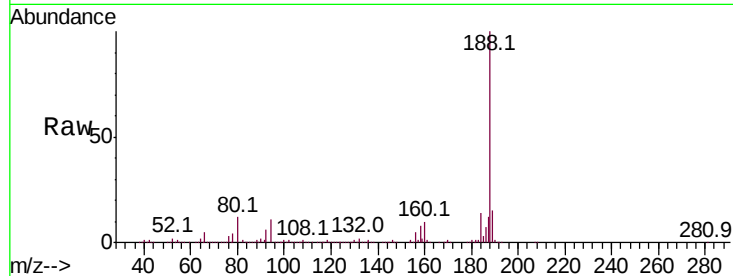




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM019020.D
Acq: 04 Mar 2019 21:29

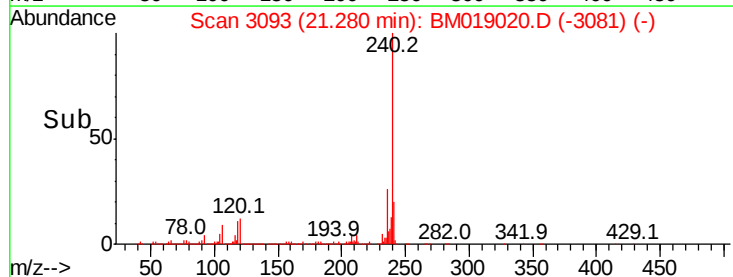
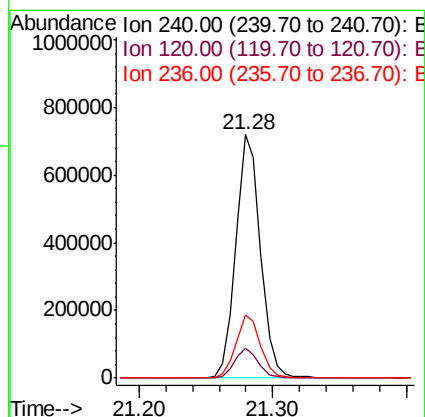
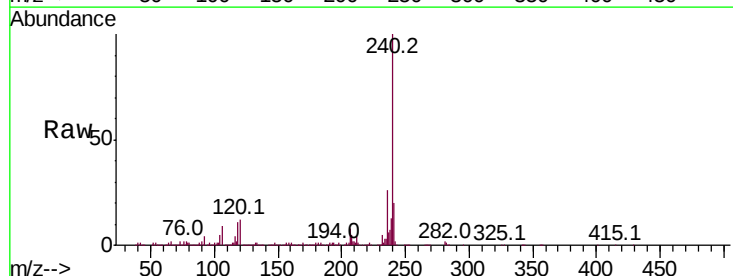
Instrument :
BNA_M
ClientSampled :

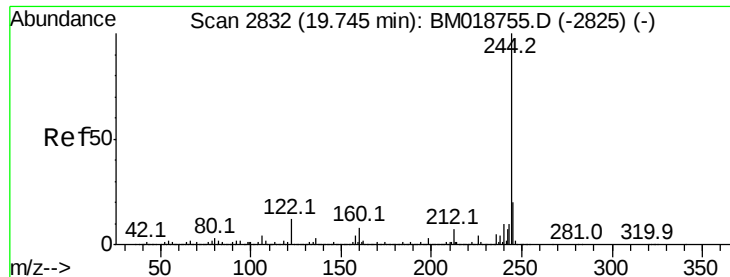
Tot Ion:188 Resp: 1157586
Ion Ratio Lower Upper
188 100
94 10.7 8.2 12.2
80 12.5 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BM019020.D
Acq: 04 Mar 2019 21:29

Tgt Ion:240 Resp: 926935
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 26.0 20.9 31.3

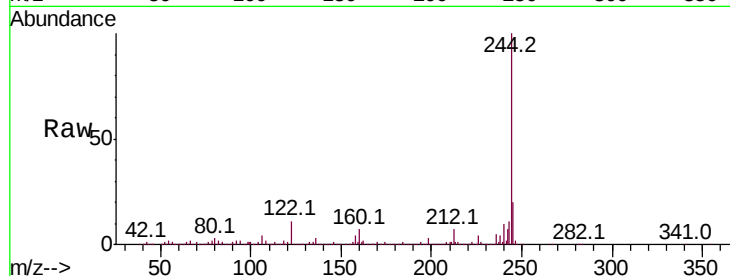




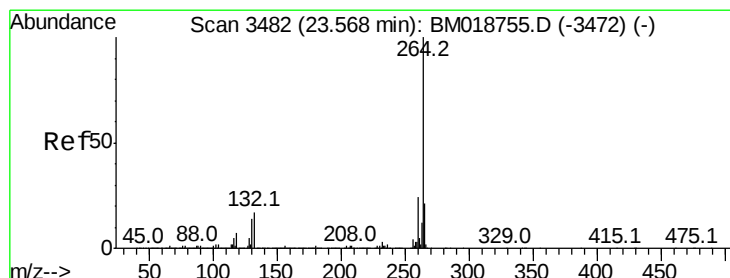
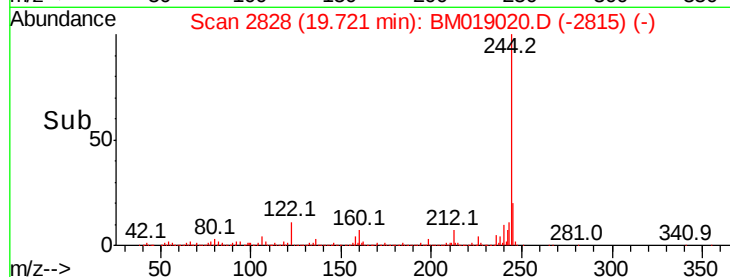
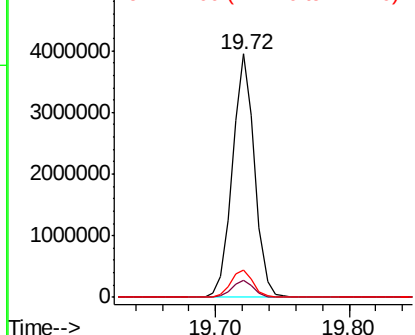
#79
 Terphenyl-d14
 Concen: 101.502 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.02 min
 Lab File: BM019020.D
 Acq: 04 Mar 2019 21:29

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 4560855
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.4 9.3 13.9

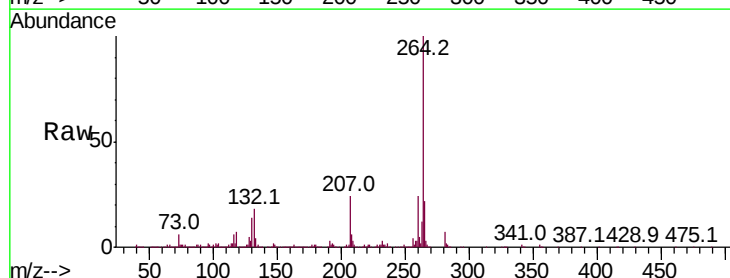


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.53 min Scan# 3475
 Delta R.T. -0.04 min
 Lab File: BM019020.D
 Acq: 04 Mar 2019 21:29

Tgt Ion:264 Resp: 895260
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.2 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

