

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
 Data File : BM019306.D
 Acq On : 22 Mar 2019 00:34
 Operator : JU/SJ
 Sample : K1941-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 T-2

Quant Time: Mar 22 04:46:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	204977	20.00	ng	-0.04
21) Naphthalene-d8	10.41	136	903555	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	558361	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	1163981	20.00	ng	-0.03
76) Chrysene-d12	21.24	240	836553	20.00	ng	-0.03
87) Perylene-d12	23.47	264	819294	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	828317	65.44	ng	-0.03
7) Phenol-d6	6.81	99	787085	42.51	ng	-0.04
23) Nitrobenzene-d5	8.80	82	1872264	97.95	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	1332442	161.63	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	4460581	103.91	ng	-0.04
79) Terphenyl-d14	19.69	244	5544590	131.58	ng	-0.02

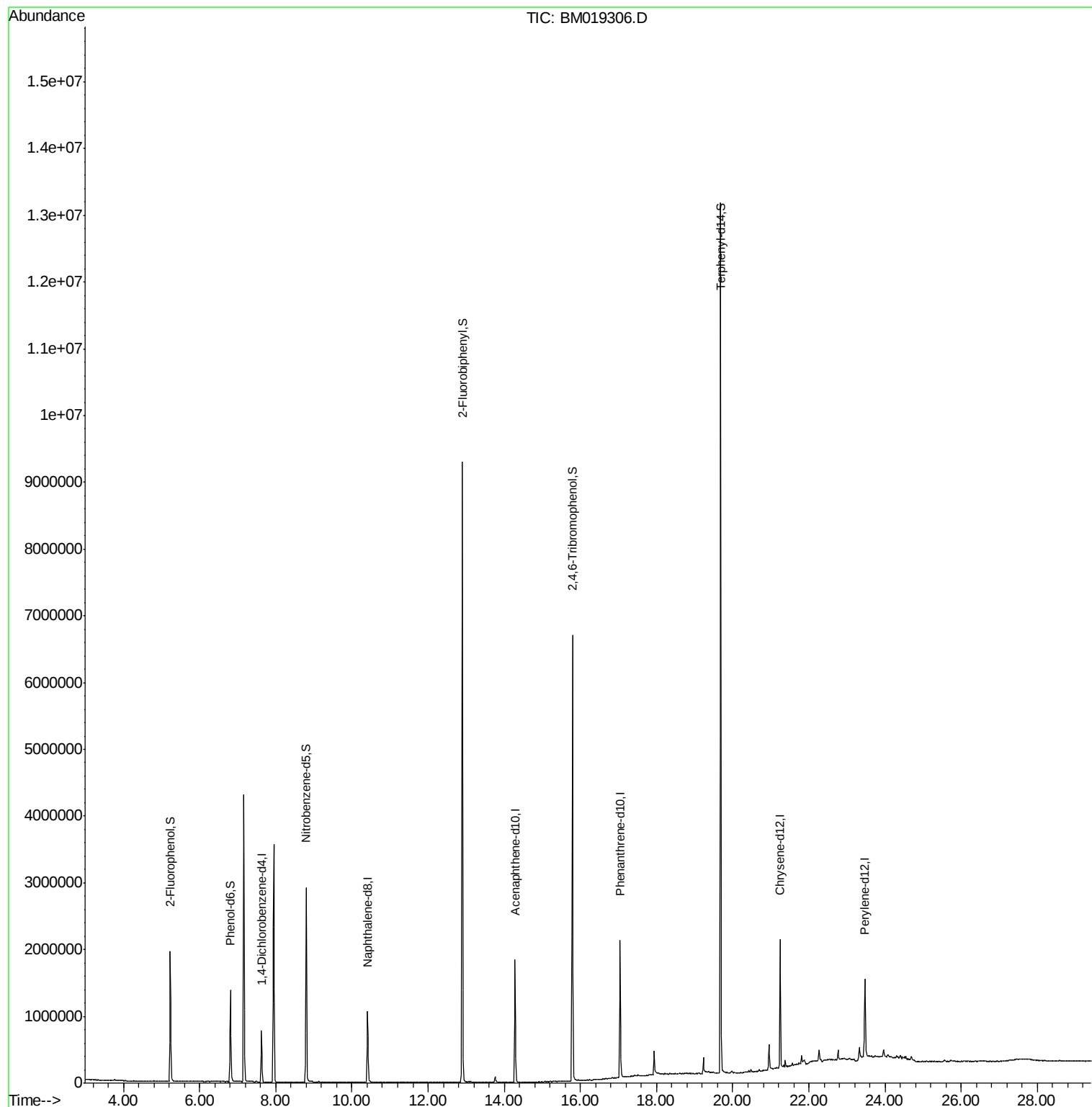
Target Compounds Qvalue

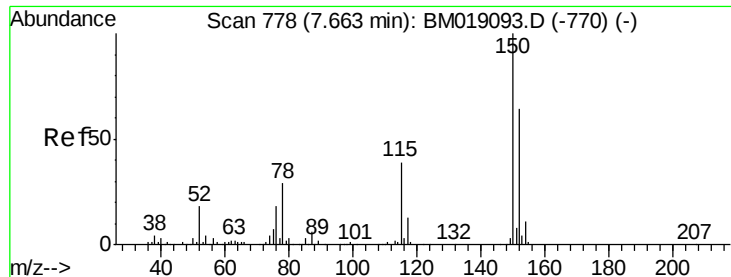
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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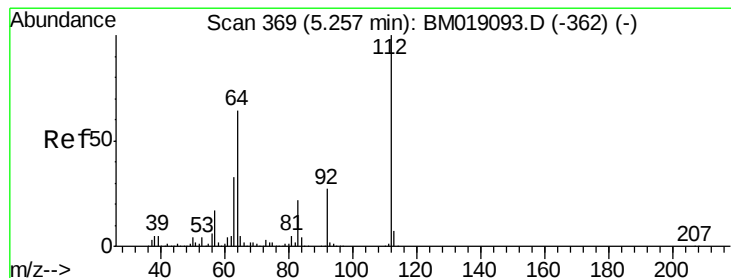
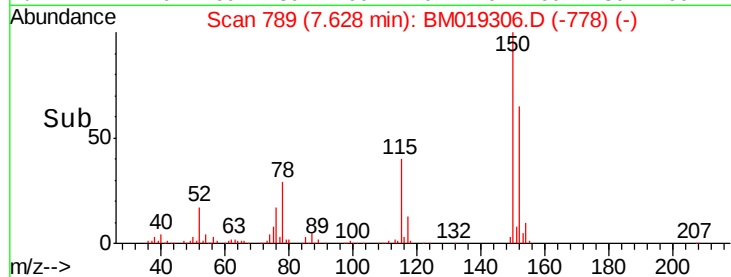
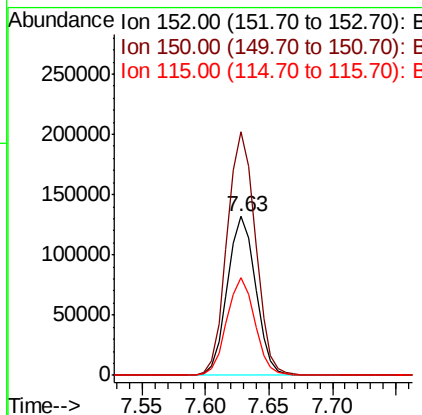
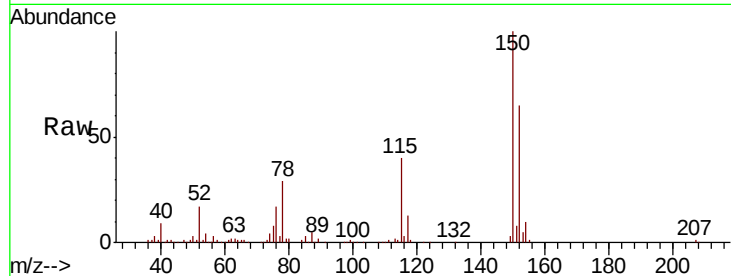


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.04 min
Lab File: BM019306.D
Acq: 22 Mar 2019 00:34

Instrument :
BNA_M
ClientSampled :
T-2

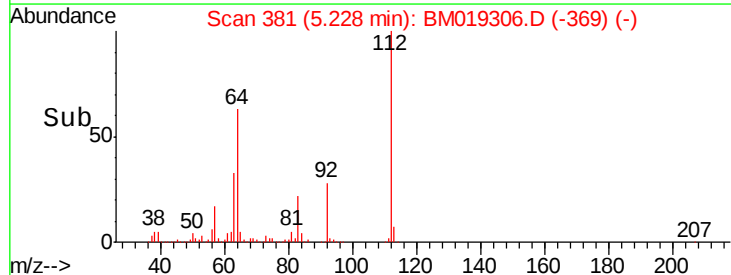
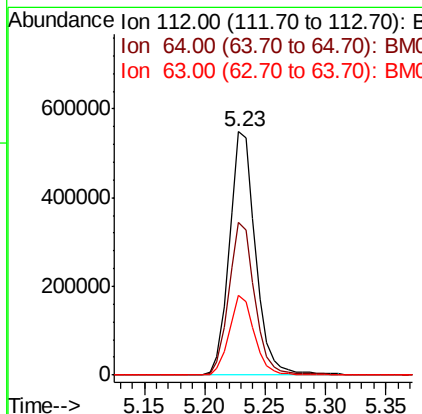
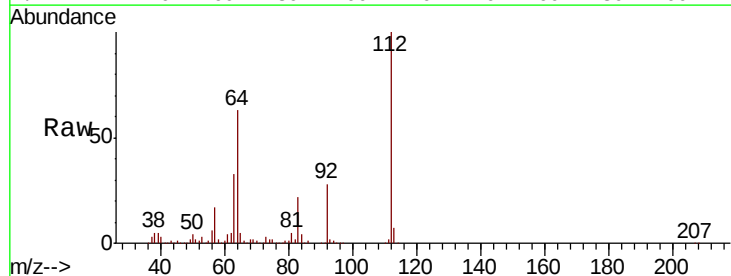
Tot Ion	152	Resp	204977
Ion Ratio	Lower	Upper	
152	100		
150	153.0	125.3	187.9
115	61.3	49.4	74.0

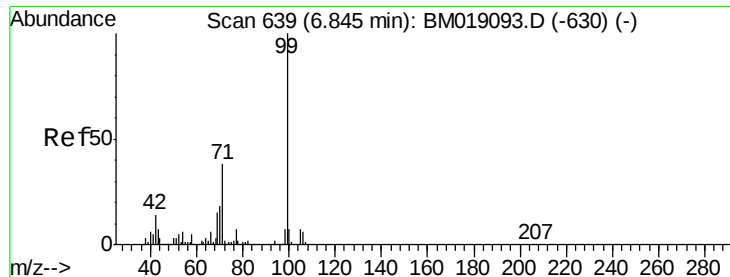


#5

2-Fluorophenol
Concen: 65.443 ng
RT: 5.23 min Scan# 381
Delta R.T. -0.03 min
Lab File: BM019306.D
Acq: 22 Mar 2019 00:34

Tgt Ion	112	Resp	828317
Ion Ratio	Lower	Upper	
112	100		
64	62.9	51.4	77.0
63	32.6	26.6	40.0





#7

Phenol-d6

Concen: 42.514 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.04 min

Lab File: BM019306.D

Acq: 22 Mar 2019 00:34

Instrument :

BNA_M

ClientSampleId :

T-2

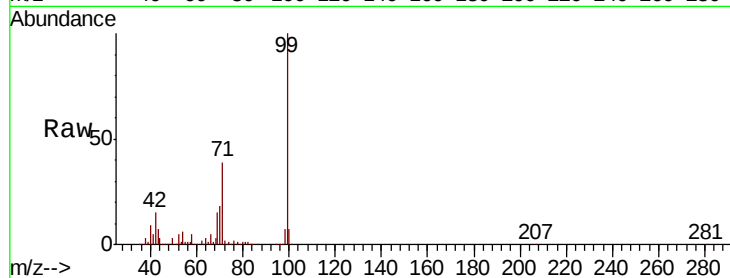
Tot Ion: 99 Resp: 787085

Ion Ratio Lower Upper

99 100

42 14.8 10.9 16.3

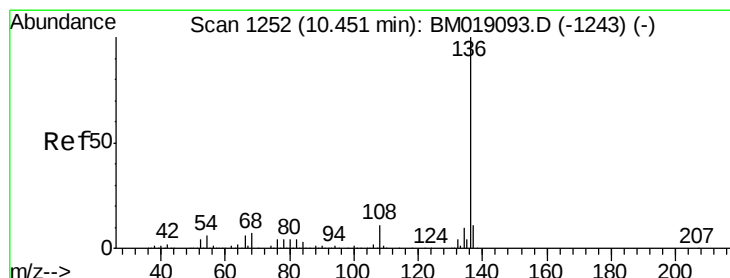
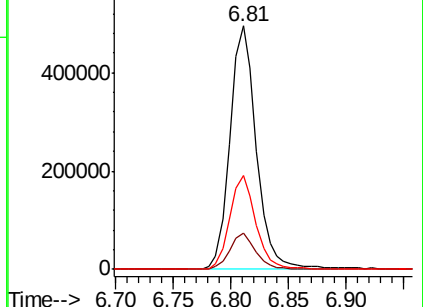
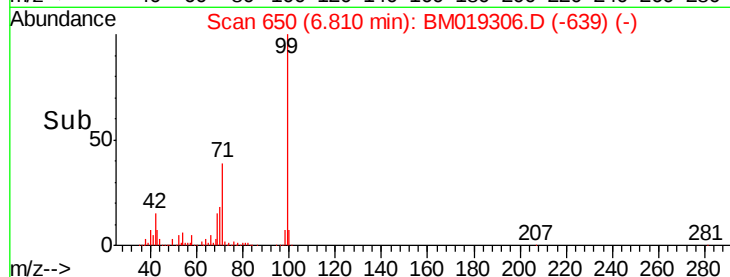
71 38.7 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019306.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019306.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019306.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.41 min Scan# 1262

Delta R.T. -0.04 min

Lab File: BM019306.D

Acq: 22 Mar 2019 00:34

Tgt Ion: 136 Resp: 903555

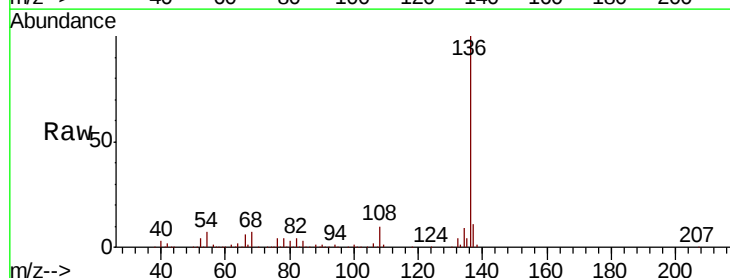
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.8 5.2 7.8

68 7.4 5.8 8.8

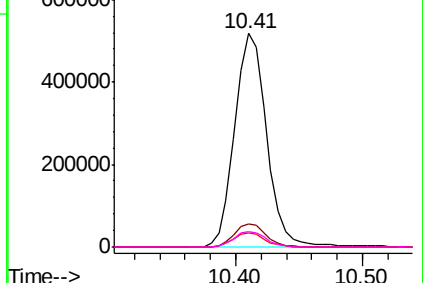
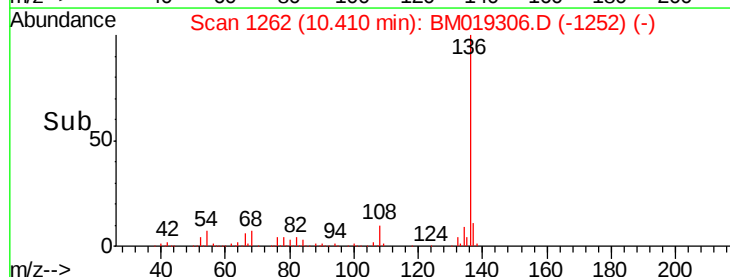


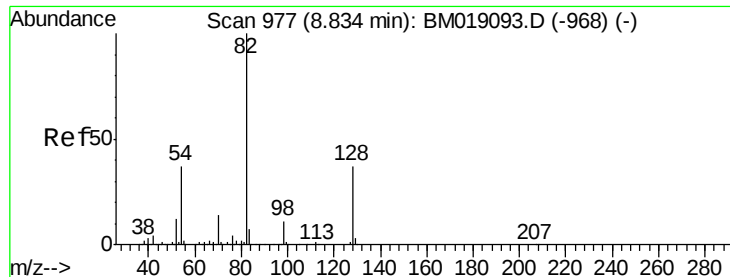
Abundance Ion 136.00 (135.70 to 136.70): BM019306.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM019306.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM019306.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM019306.D (-1252) (-)



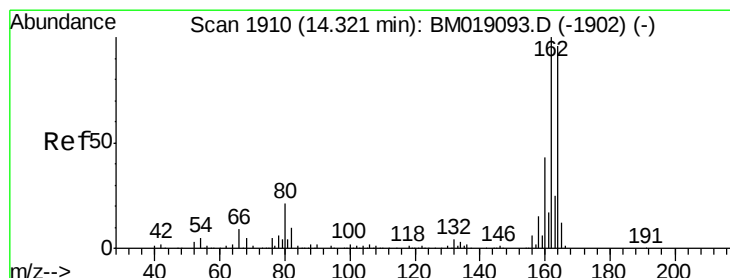
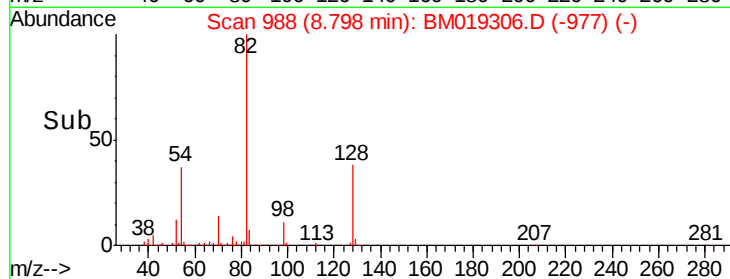
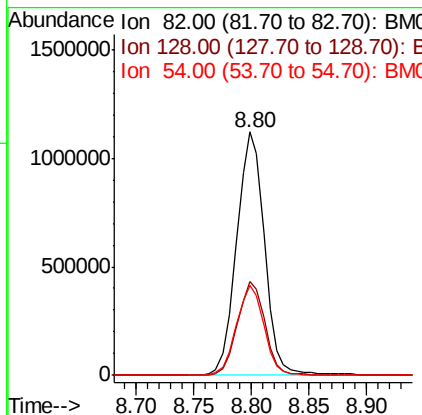
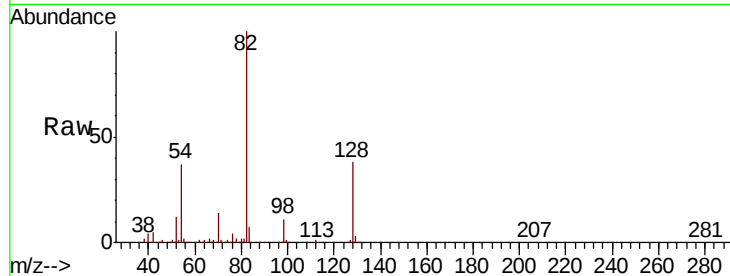


#23
 Nitrobenzene-d5
 Concen: 97.949 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.04 min
 Lab File: BM019306.D
 Acq: 22 Mar 2019 00:34

Instrument :
 BNA_M
 ClientSampled :
 T-2

Tot Ion: 82 Resp: 1872264

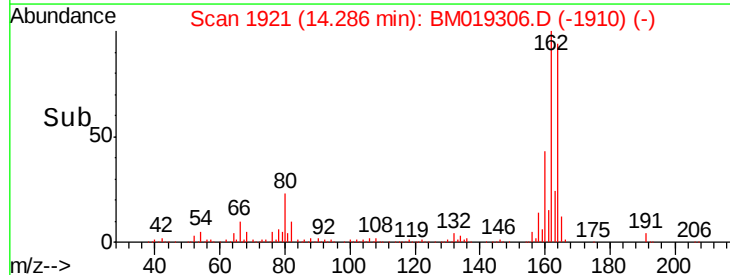
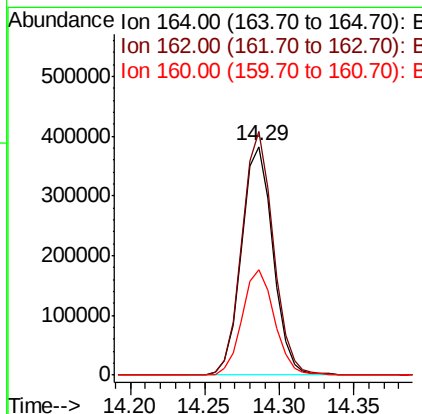
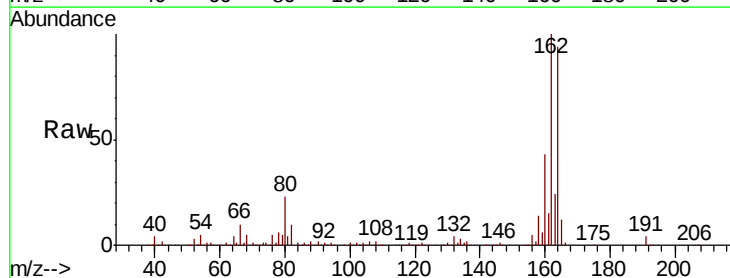
Ion	Ratio	Lower	Upper
82	100		
128	38.5	29.4	44.2
54	37.2	29.9	44.9

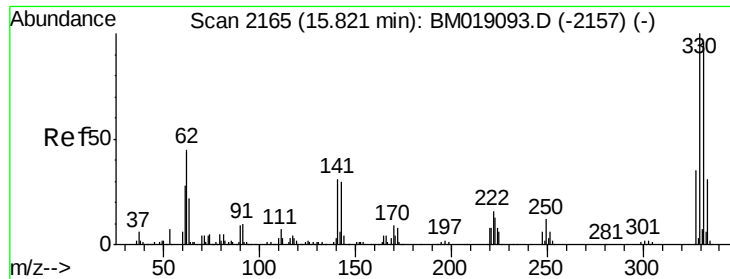


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1921
 Delta R.T. -0.04 min
 Lab File: BM019306.D
 Acq: 22 Mar 2019 00:34

Tgt Ion:164 Resp: 558361

Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.5	125.3
160	46.0	36.3	54.5

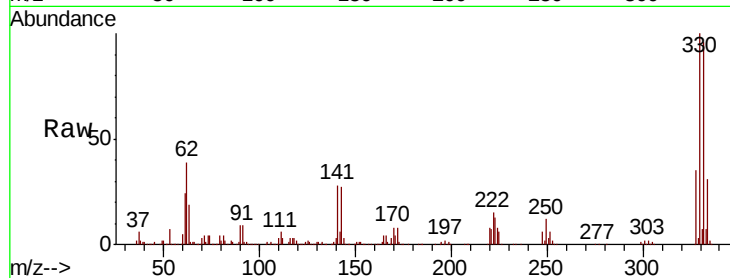




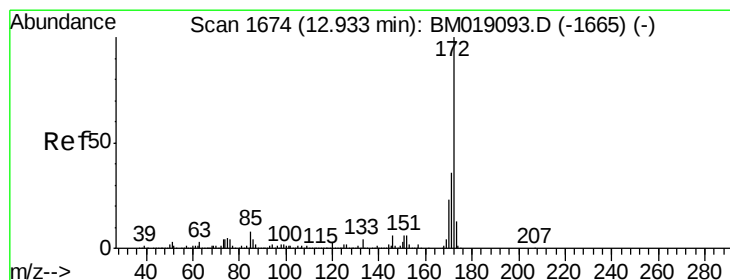
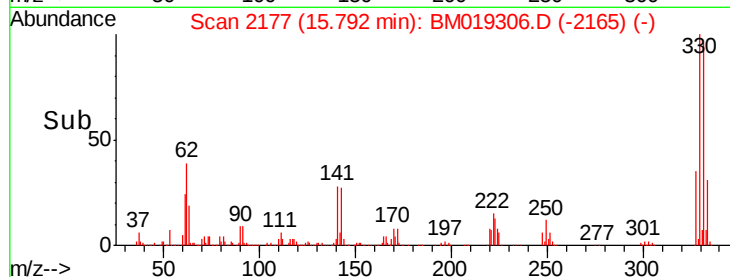
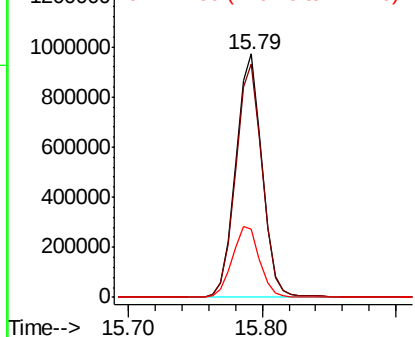
#42
 2,4,6-Tribromophenol
 Concen: 161.626 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. -0.03 min
 Lab File: BM019306.D
 Acq: 22 Mar 2019 00:34

Instrument :
 BNA_M
 ClientSampleId :
 T-2

Tot Ion:330 Resp: 1332442
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 30.4 27.0 40.4

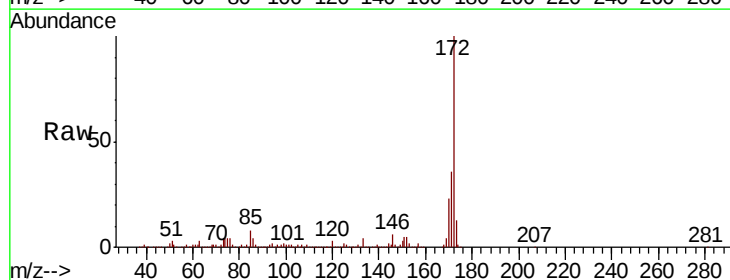


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

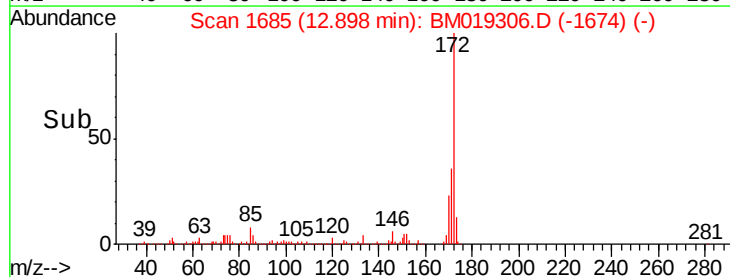
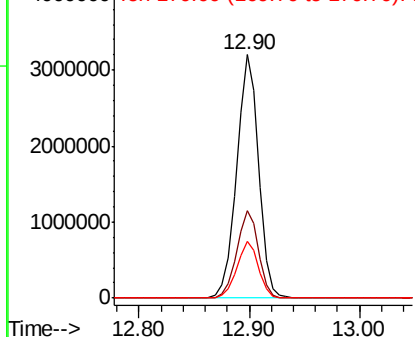


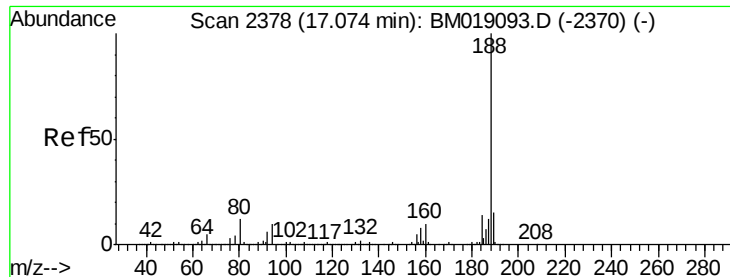
#45
 2-Fluorobiphenyl
 Concen: 103.914 ng
 RT: 12.90 min Scan# 1685
 Delta R.T. -0.04 min
 Lab File: BM019306.D
 Acq: 22 Mar 2019 00:34

Tgt Ion:172 Resp: 4460581
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 23.2 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

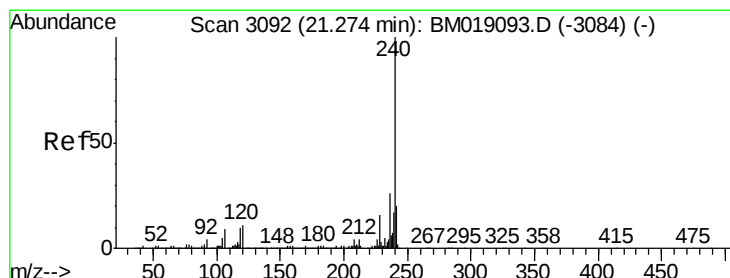
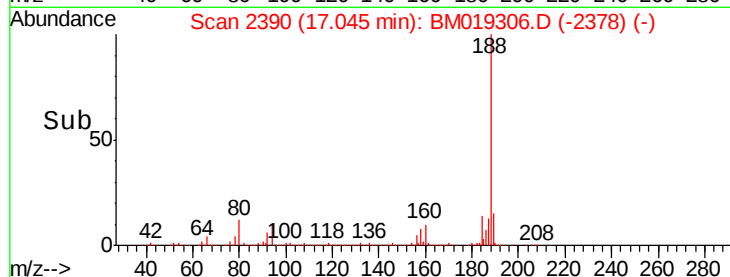
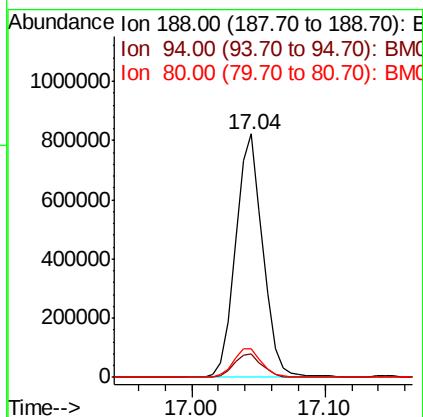
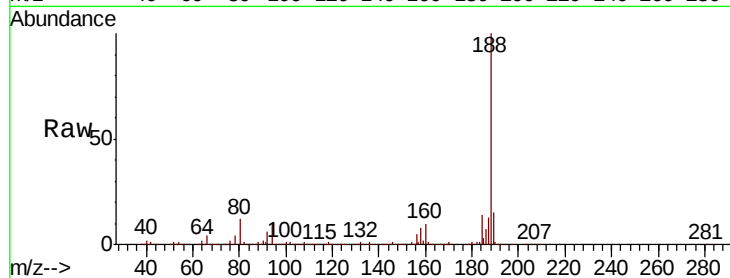




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.03 min
Lab File: BM019306.D
Acq: 22 Mar 2019 00:34

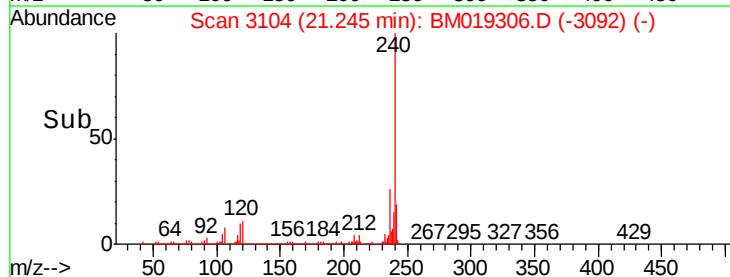
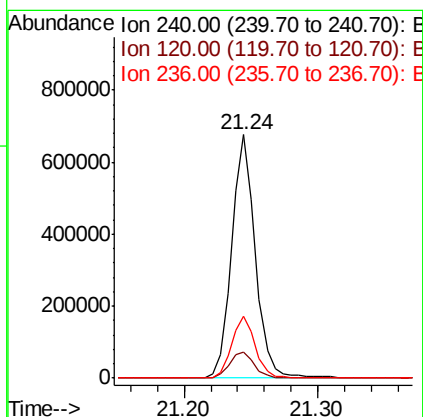
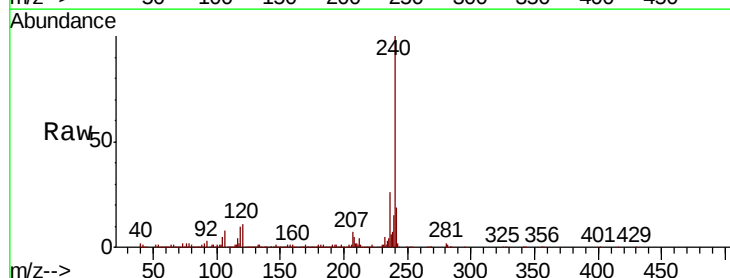
Instrument :
BNA_M
ClientSampleId :
T-2

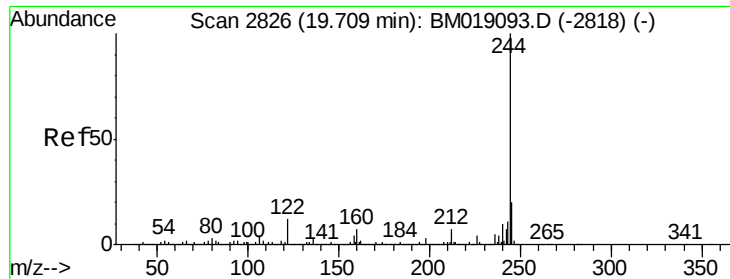
Tot Ion:188 Resp: 1163981
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 12.0 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BM019306.D
Acq: 22 Mar 2019 00:34

Tgt Ion:240 Resp: 836553
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.5 21.0 31.4





#79

Terphenyl-d14

Concen: 131.578 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM019306.D

Acq: 22 Mar 2019 00:34

Instrument :

BNA_M

ClientSampleId :

T-2

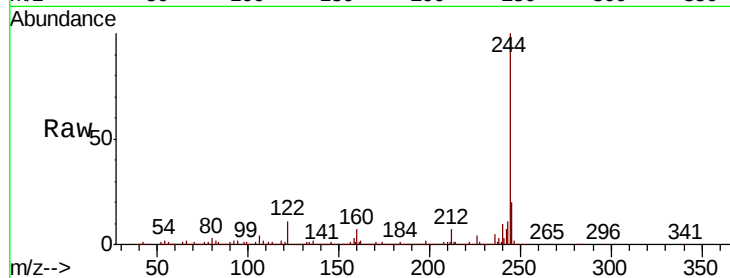
Tot Ion:244 Resp: 5544590

Ion Ratio Lower Upper

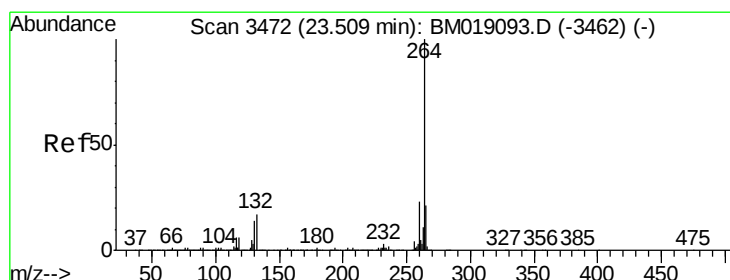
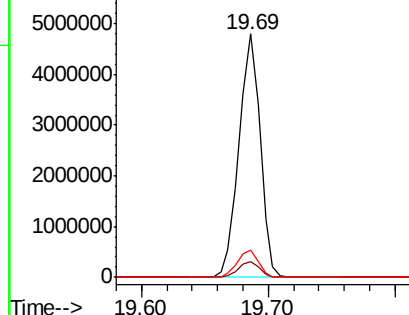
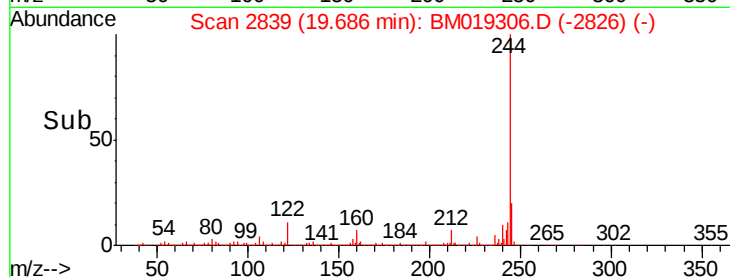
244 100

212 6.7 5.4 8.2

122 11.2 9.4 14.2



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: 23.47 min Scan# 3483

Delta R.T. -0.04 min

Lab File: BM019306.D

Acq: 22 Mar 2019 00:34

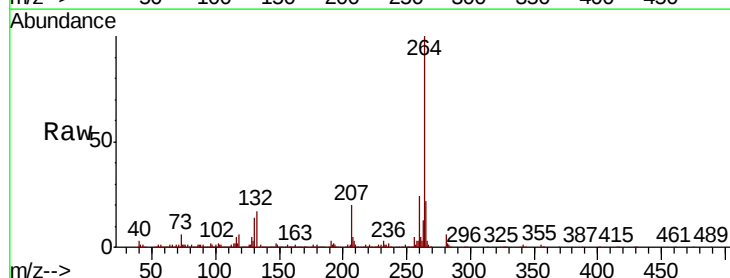
Tgt Ion:264 Resp: 819294

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.3 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

