

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041719\
 Data File : BM019936.D
 Acq On : 17 Apr 2019 13:45
 Operator : JU/SJ
 Sample : K2203-012RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 17 17:41:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

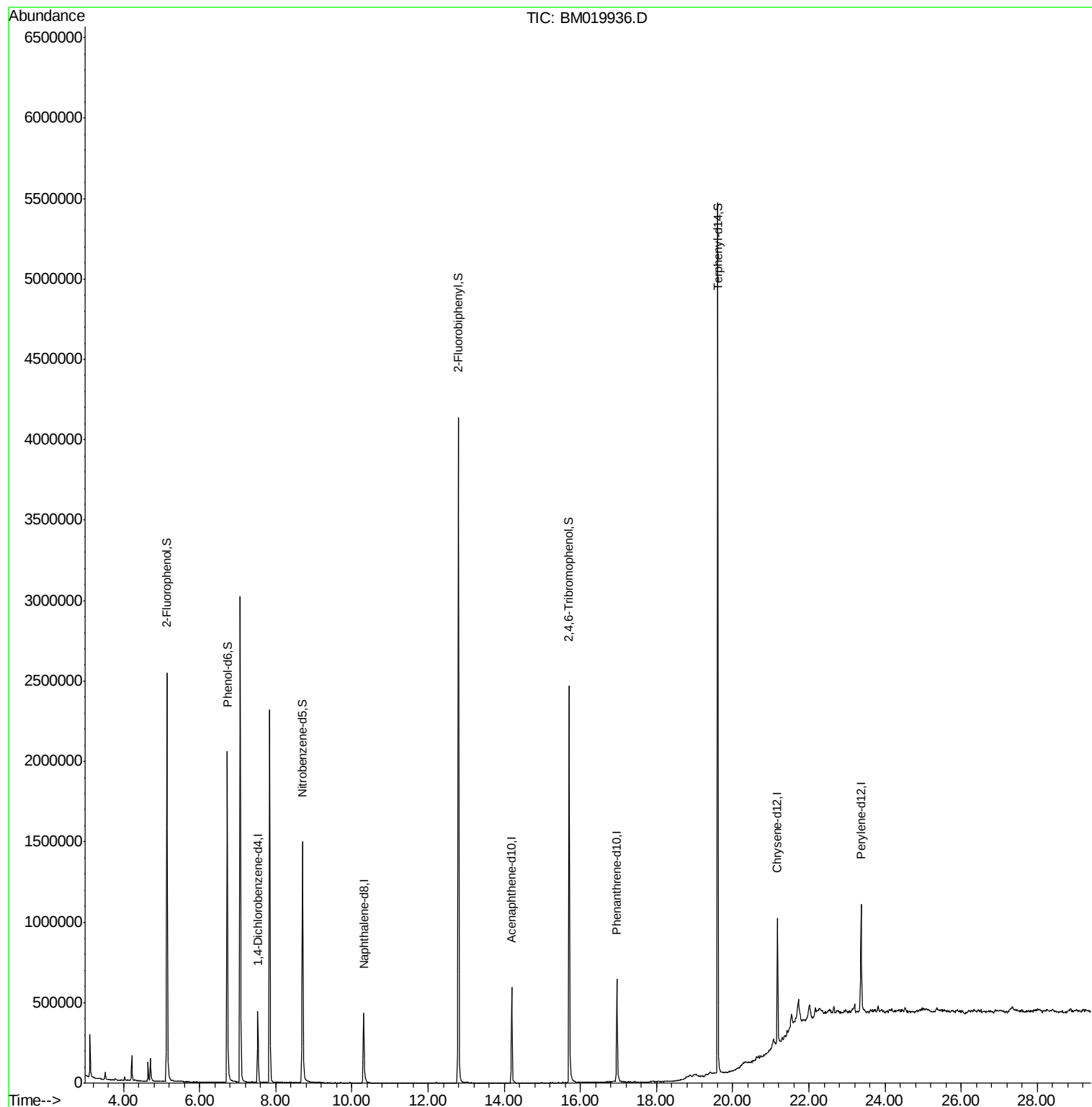
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	111188	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	402760	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	206026	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	385157	20.00	ng	0.00
76) Chrysene-d12	21.17	240	343928	20.00	ng	0.00
87) Perylene-d12	23.37	264	459135	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1060094	154.52	ng	0.00
7) Phenol-d6	6.72	99	1218309	117.99	ng	0.00
23) Nitrobenzene-d5	8.70	82	1038355	115.30	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	474167	142.97	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1982960	119.95	ng	0.00
79) Terphenyl-d14	19.60	244	2279657	116.91	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	3264	Below Cal	Qvalue #	7

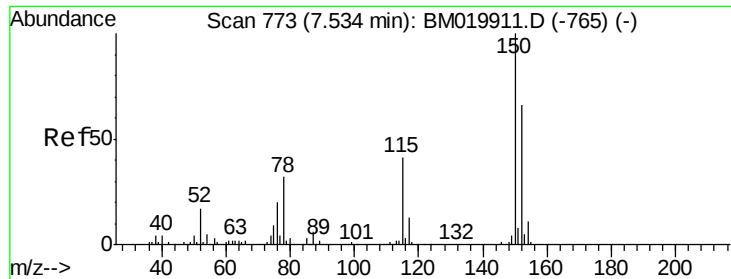
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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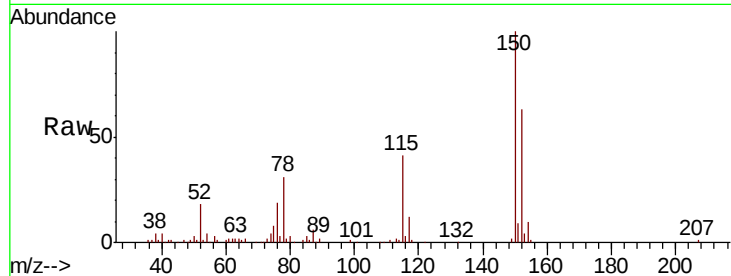


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019936.D
Acq: 17 Apr 2019 13:45

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	122.1	183.1
115	64.7	50.0	75.0

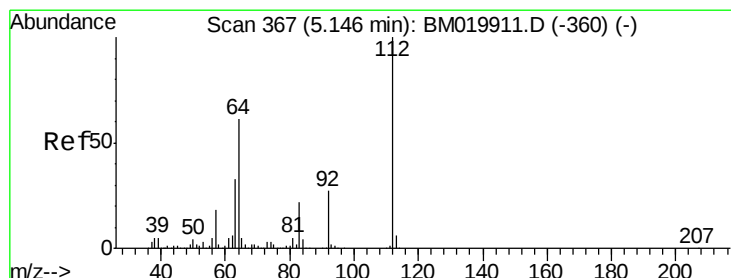
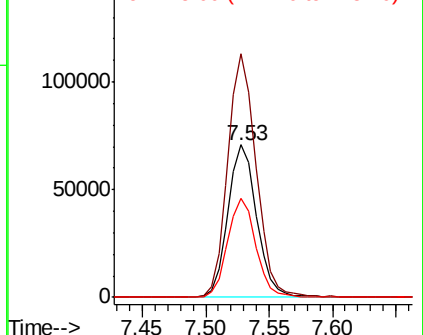
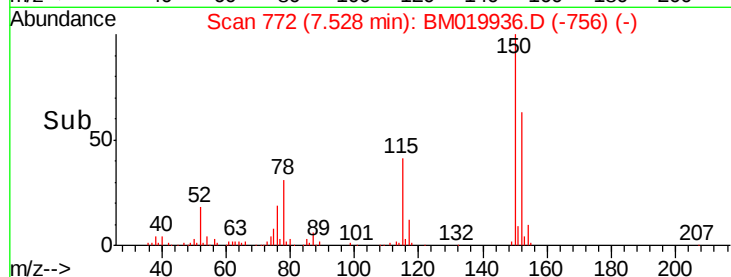


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

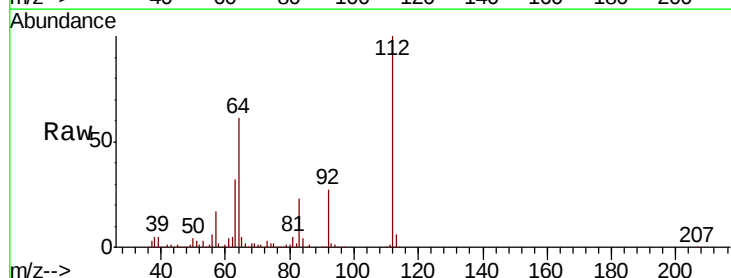
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 154.517 ng
RT: 5.15 min Scan# 367
Delta R.T. 0.00 min
Lab File: BM019936.D
Acq: 17 Apr 2019 13:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.1	73.7
63	31.9	26.5	39.7

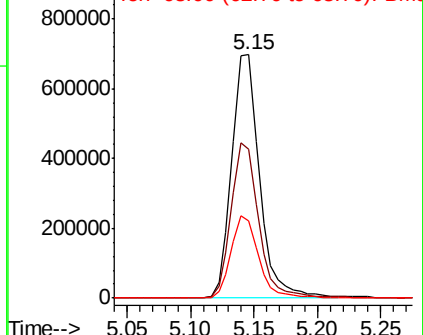
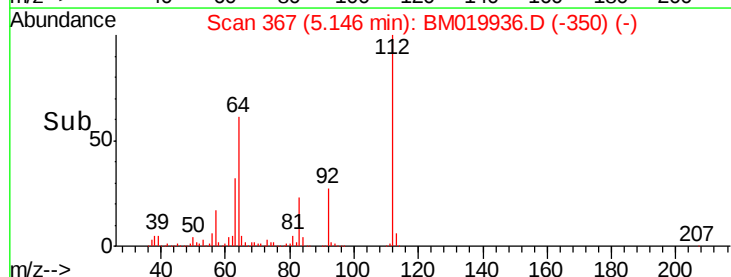


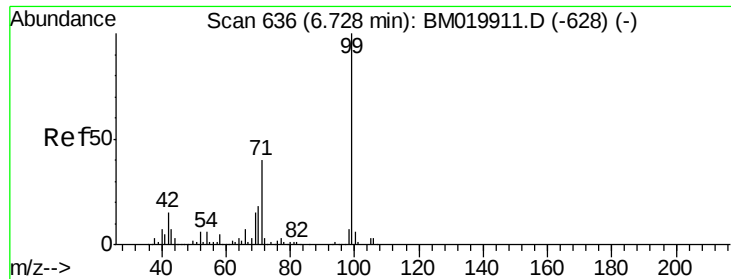
Abundance

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: 117.993 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019936.D

Acq: 17 Apr 2019 13:45

Instrument :

BNA_M

ClientSampleId :

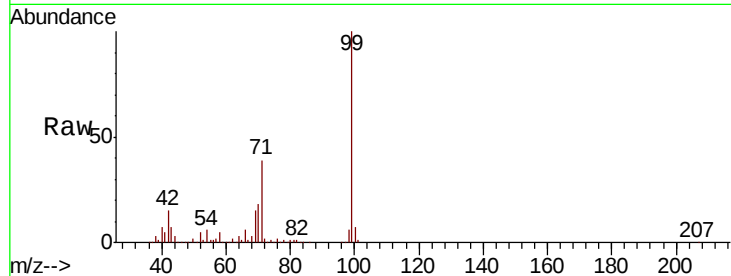
Tot Ion: 99 Resp: 1218309

Ion Ratio Lower Upper

99 100

42 14.9 11.8 17.8

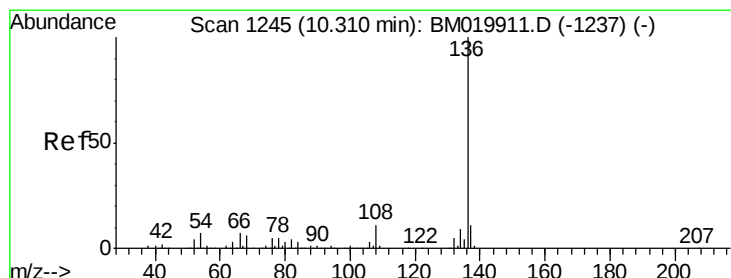
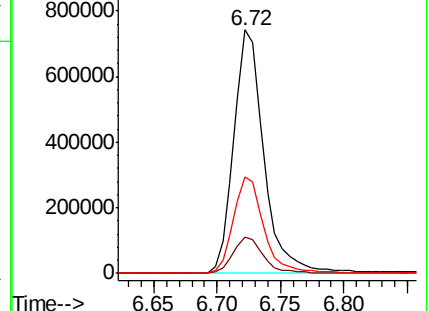
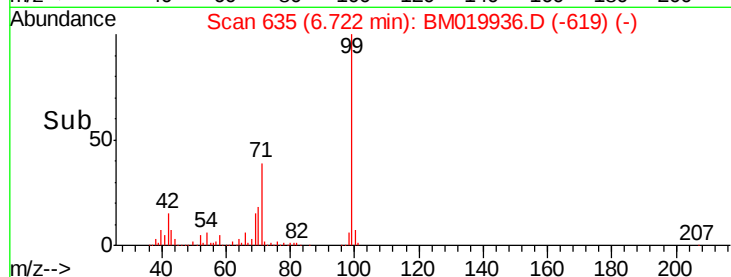
71 39.4 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM019911.D (-628) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BM019936.D

Acq: 17 Apr 2019 13:45

Tgt Ion: 136 Resp: 402760

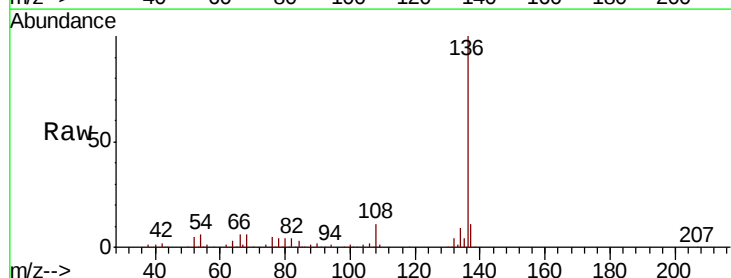
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.3 5.3 7.9

68 6.5 5.2 7.8

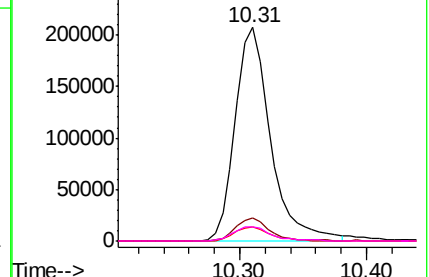
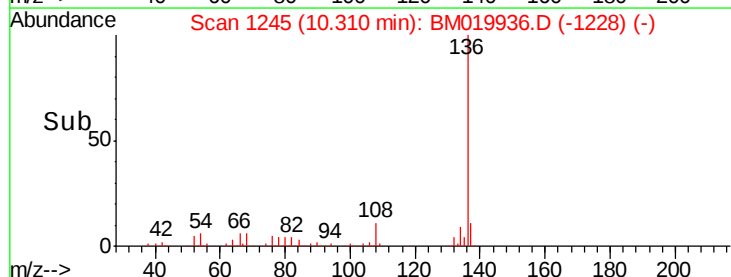


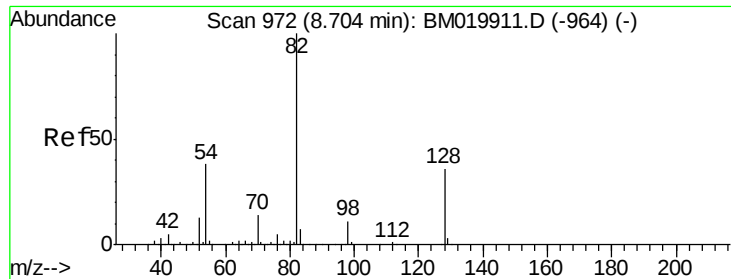
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

Ion 137.00 (136.70 to 137.70): BM019911.D (-1237) (-)

Ion 54.00 (53.70 to 54.70): BM019911.D (-1237) (-)

Ion 68.00 (67.70 to 68.70): BM019911.D (-1237) (-)

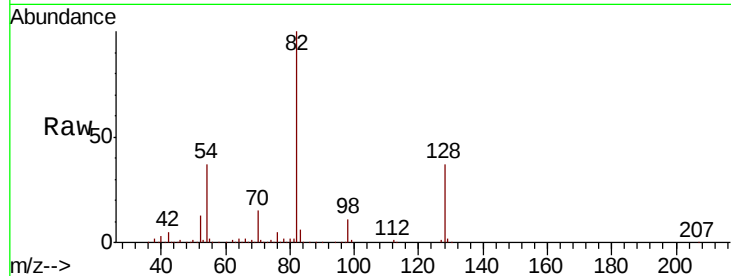




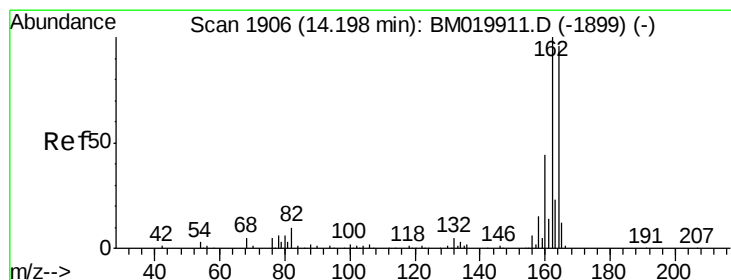
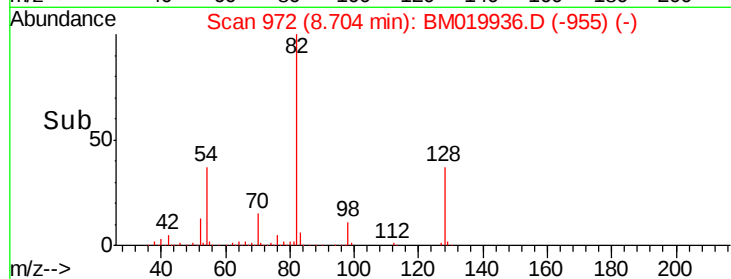
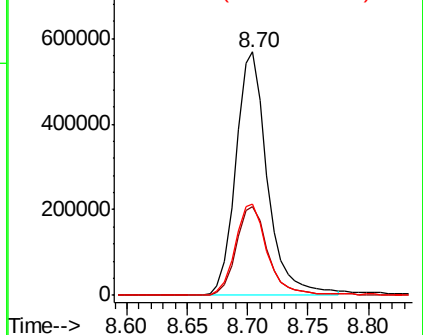
#23
Nitrobenzene-d5
Concen: 115.296 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM019936.D
Acq: 17 Apr 2019 13:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 1038355
Ion Ratio Lower Upper
82 100
128 36.7 29.0 43.4
54 37.4 30.2 45.4

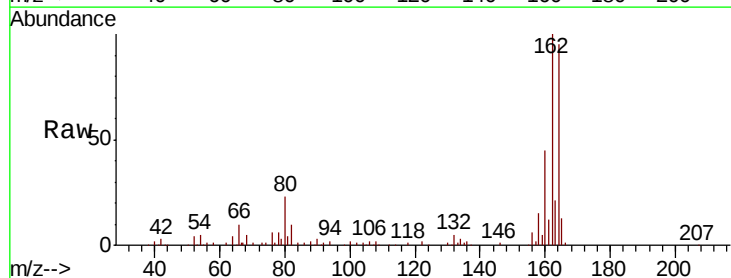


Abundance Ion 82.00 (81.70 to 82.70): BM019936.D (-955) (-)
Ion 128.00 (127.70 to 128.70): BM019936.D (-955) (-)
Ion 54.00 (53.70 to 54.70): BM019936.D (-955) (-)

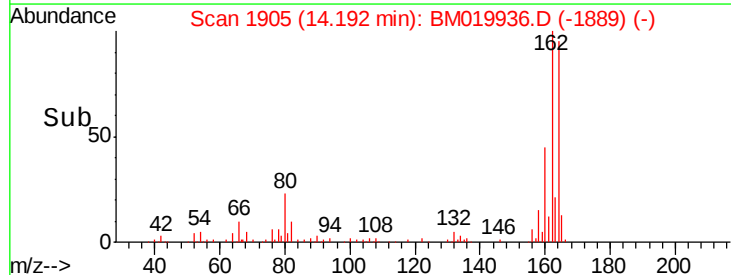
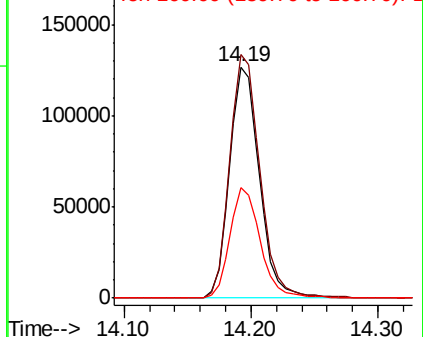


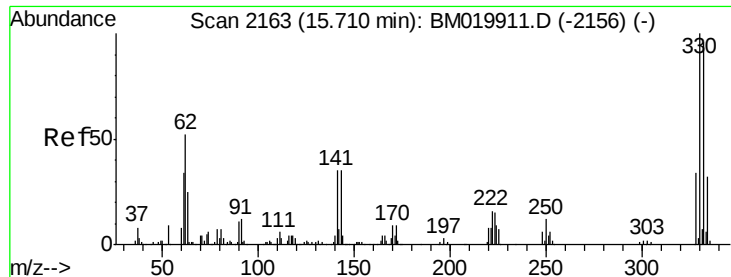
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM019936.D
Acq: 17 Apr 2019 13:45

Tgt Ion:164 Resp: 206026
Ion Ratio Lower Upper
164 100
162 105.4 83.0 124.4
160 47.9 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM019936.D (-1889) (-)
Ion 162.00 (161.70 to 162.70): BM019936.D (-1889) (-)
Ion 160.00 (159.70 to 160.70): BM019936.D (-1889) (-)

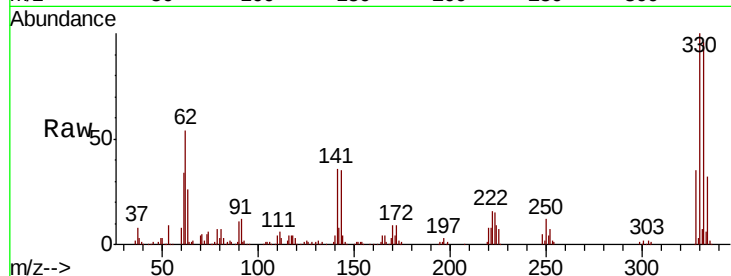




#42
 2,4,6-Tribromophenol
 Concen: 142.974 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BM019936.D
 Acq: 17 Apr 2019 13:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	37.2	29.0	43.4

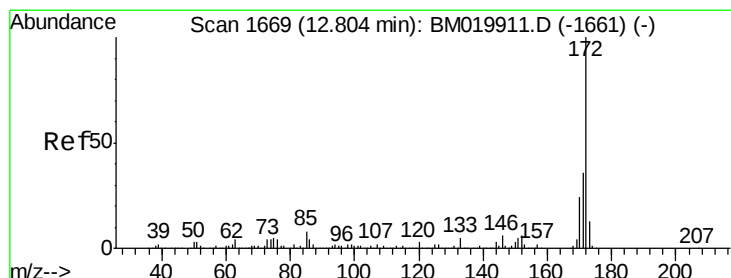
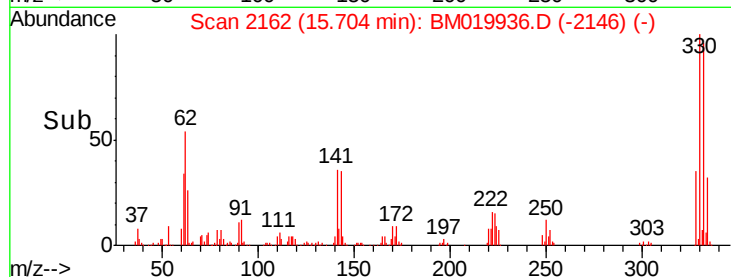
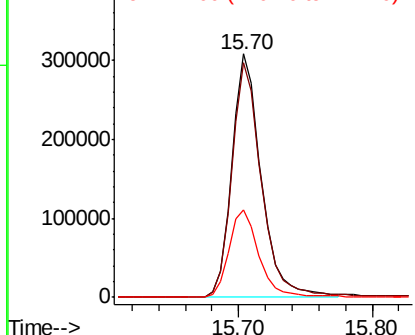


Abundance

Ion 329.80 (329.50 to 330.50): E

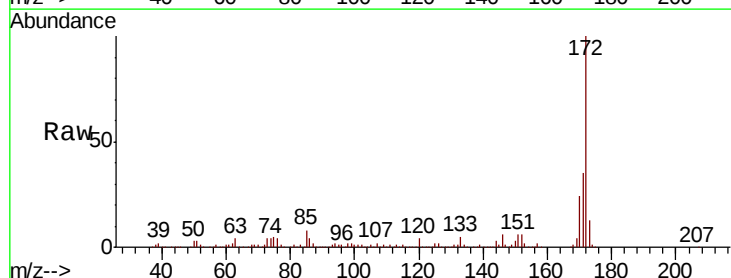
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 119.947 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM019936.D
 Acq: 17 Apr 2019 13:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.5	19.0	28.4

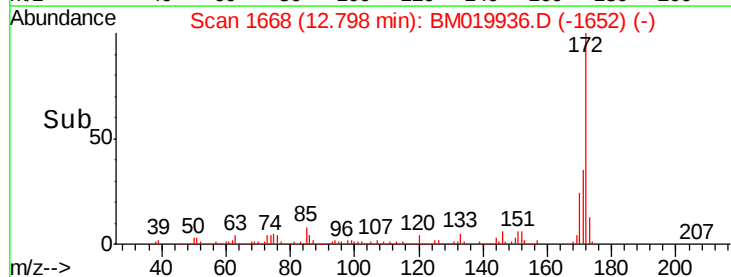
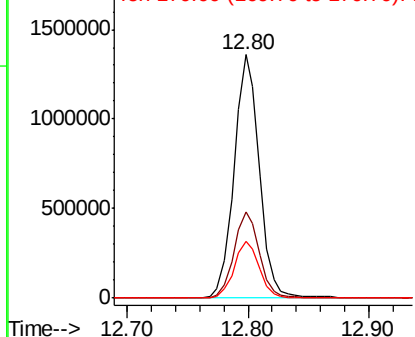


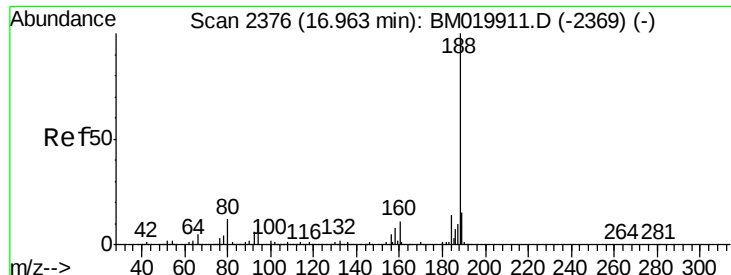
Abundance

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

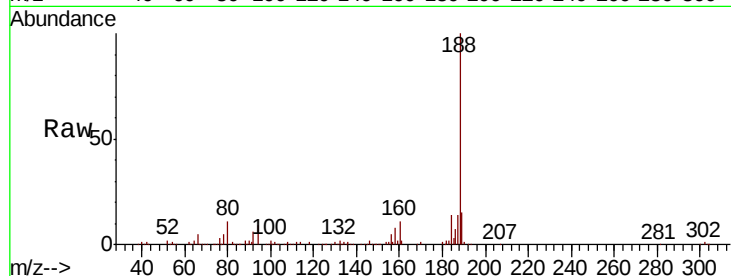




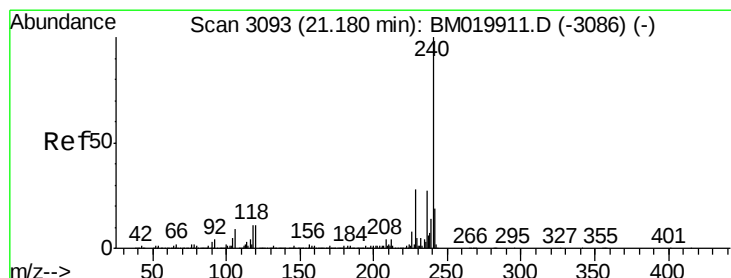
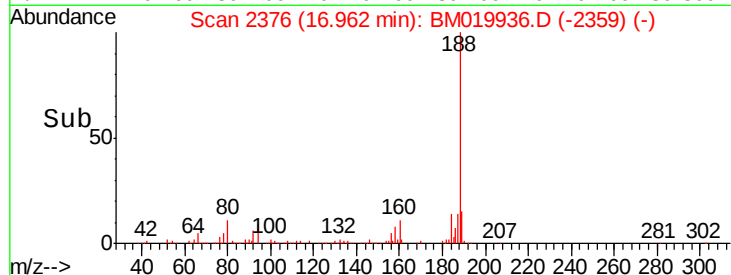
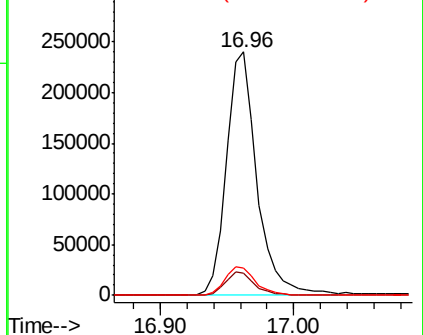
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BM019936.D
Acq: 17 Apr 2019 13:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 385157
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 11.5 9.4 14.0

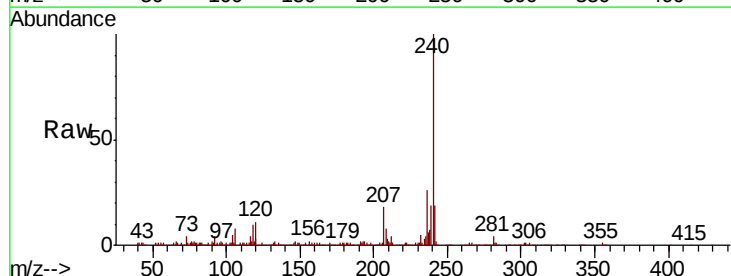


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

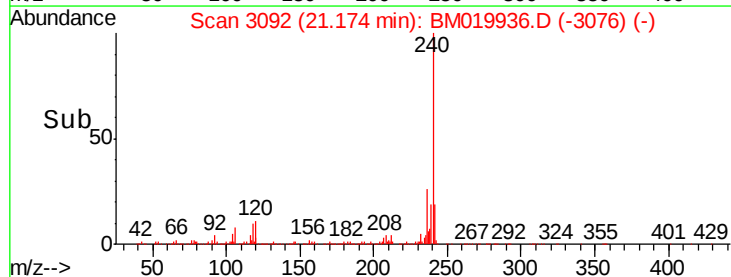
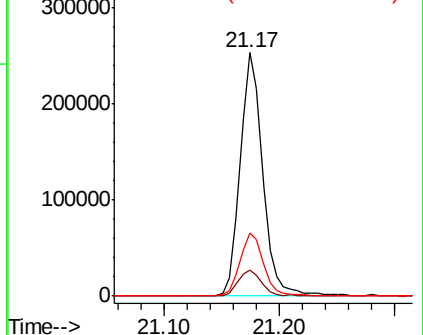


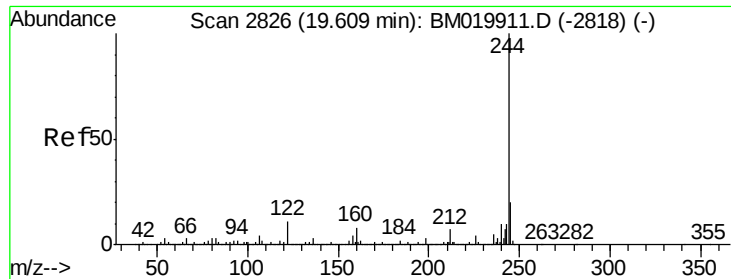
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019936.D
Acq: 17 Apr 2019 13:45

Tgt Ion:240 Resp: 343928
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 25.8 21.4 32.2



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: 116.912 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM019936.D

Acq: 17 Apr 2019 13:45

Instrument :

BNA_M

ClientSampled :

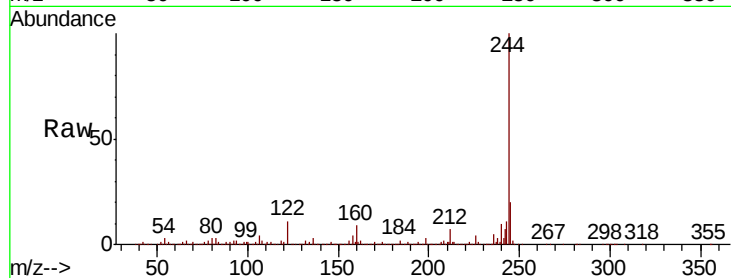
Tot Ion:244 Resp: 2279657

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

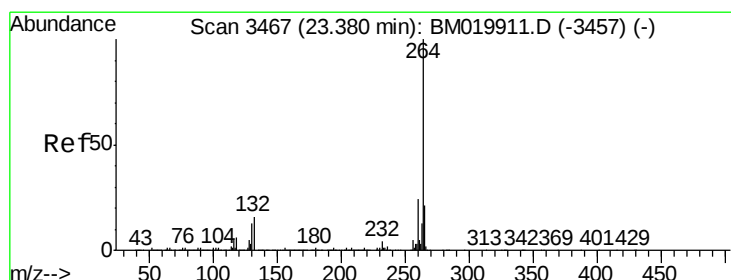
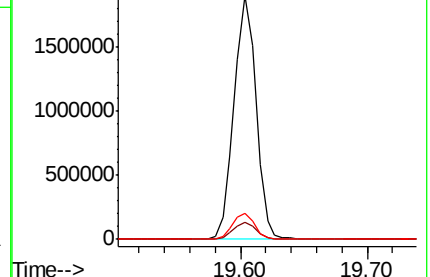
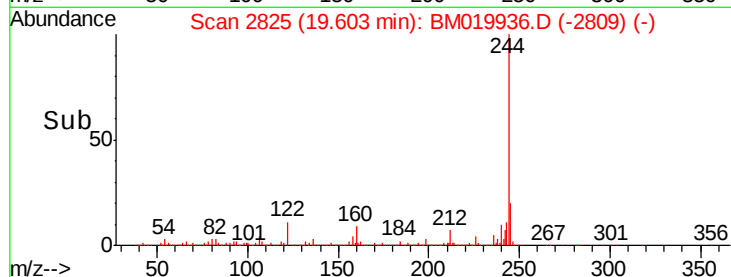
122 10.9 9.1 13.7



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: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM019936.D

Acq: 17 Apr 2019 13:45

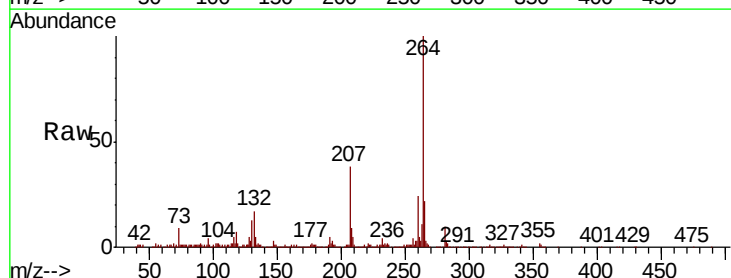
Tgt Ion:264 Resp: 459135

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.3 17.2 25.8



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

