

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019968.D
 Acq On : 18 Apr 2019 23:58
 Operator : JU/SJ
 Sample : K2461-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 19 00:43:41 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

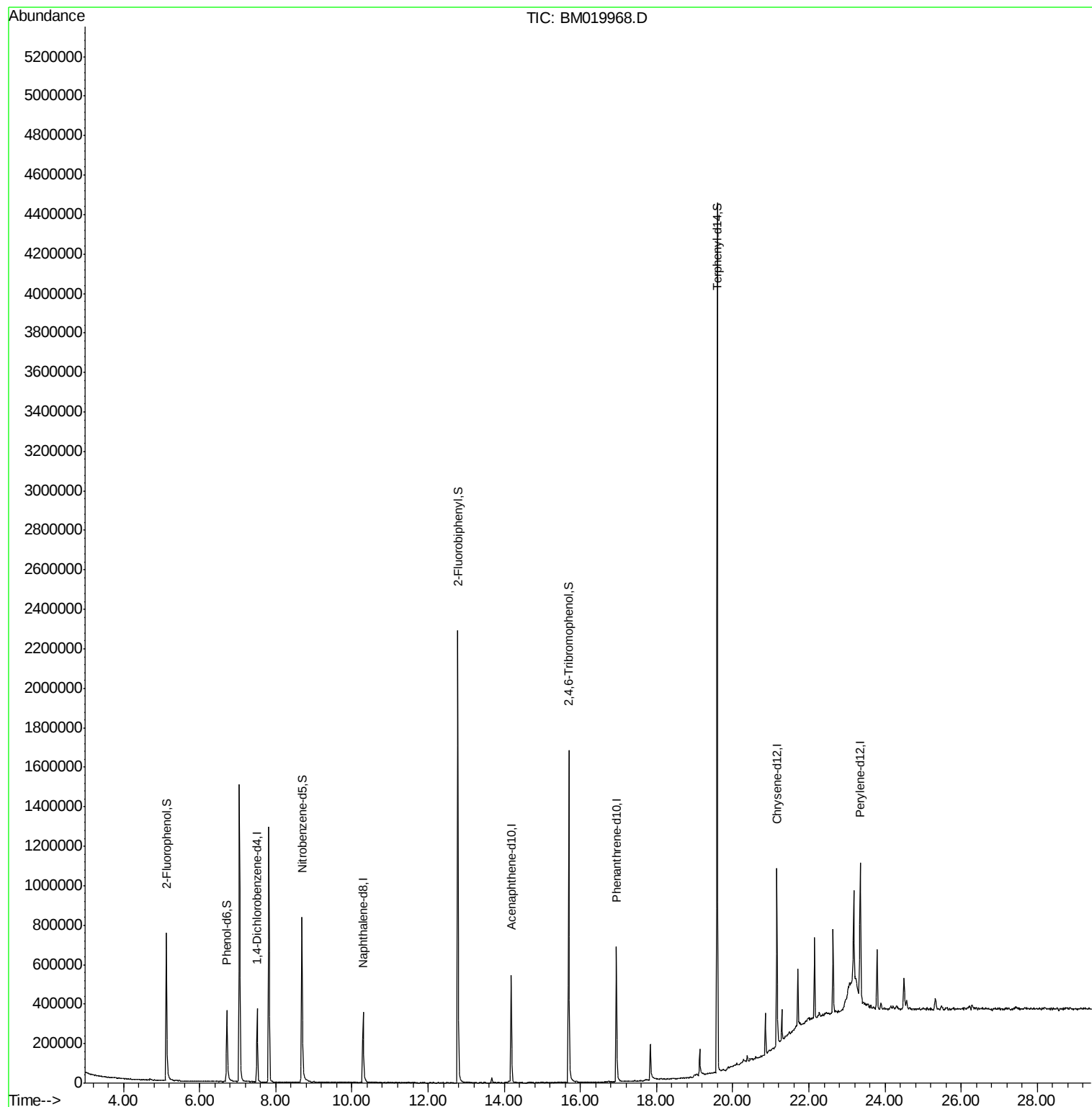
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	94020	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	336832	20.00	ng	-0.02
39) Acenaphthene-d10	14.18	164	191418	20.00	ng	-0.02
64) Phenanthrene-d10	16.94	188	410595	20.00	ng	-0.02
76) Chrysene-d12	21.16	240	404059	20.00	ng	-0.02
87) Perylene-d12	23.35	264	514048	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	338117	58.28	ng	-0.02
7) Phenol-d6	6.72	99	265372	30.39	ng	-0.01
23) Nitrobenzene-d5	8.69	82	598061	79.40	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	347034	112.63	ng	-0.02
45) 2-Fluorobiphenyl	12.78	172	1184639	77.13	ng	-0.02
79) Terphenyl-d14	19.59	244	1921174	83.86	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.71	77	882	Below Cal	Qvalue #	7

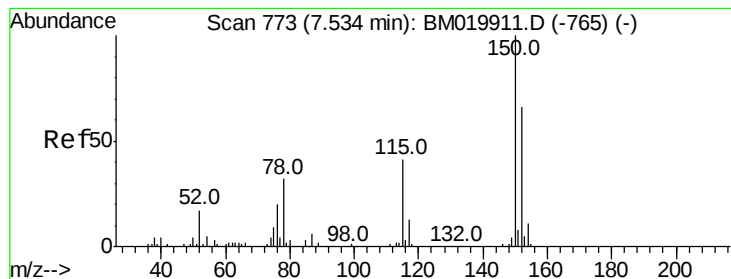
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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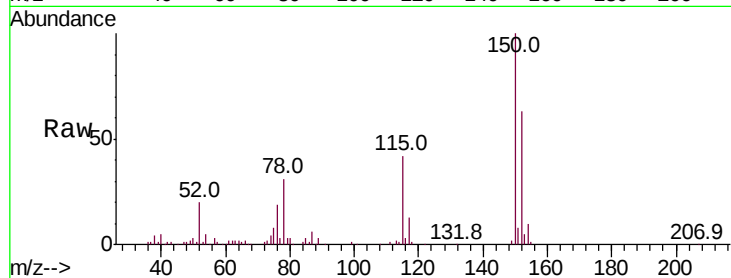


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM019968.D
Acq: 18 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.1	183.1
115	66.5	50.0	75.0

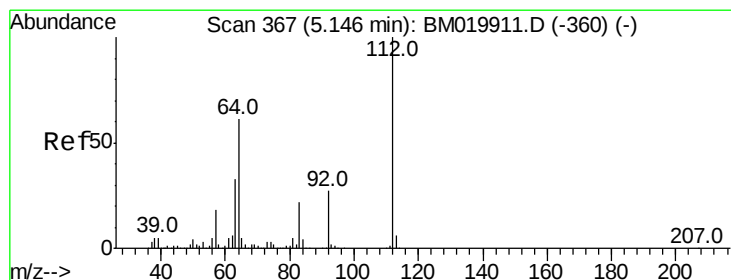
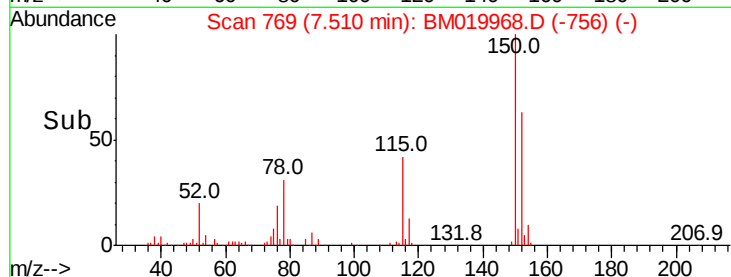
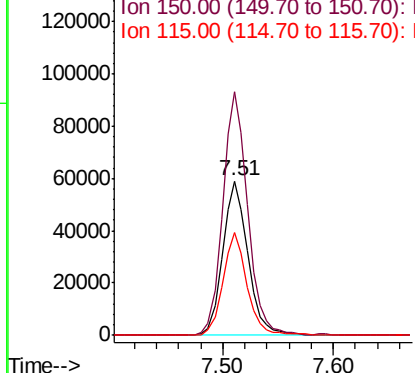


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

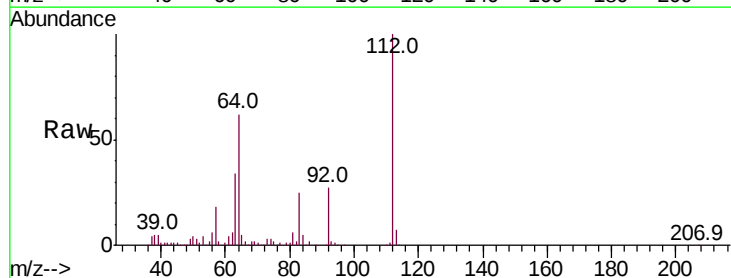
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 58.282 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.02 min
Lab File: BM019968.D
Acq: 18 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	49.1	73.7
63	33.9	26.5	39.7

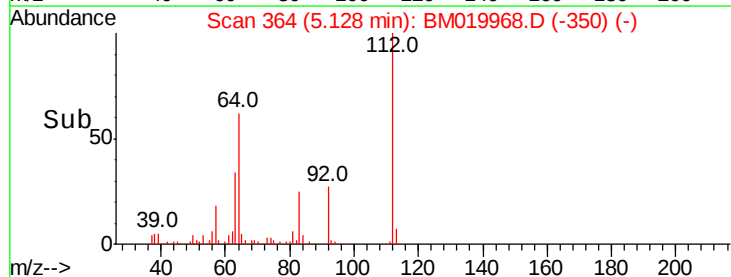
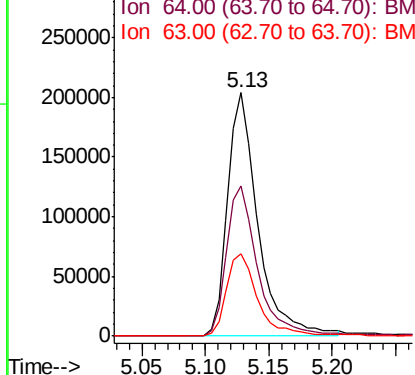


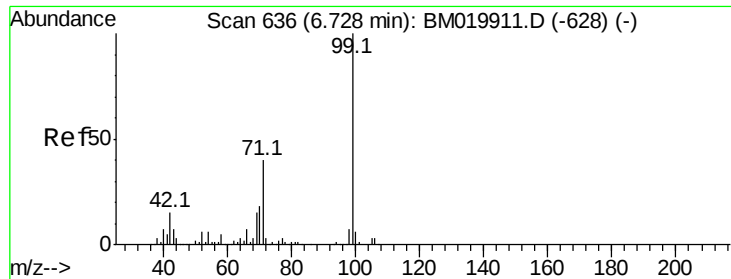
Abundance

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: 30.394 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.01 min

Lab File: BM019968.D

Acq: 18 Apr 2019 23:58

Instrument :

BNA_M

ClientSampleId :

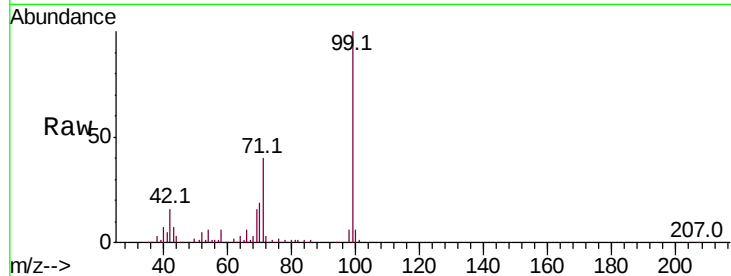
Tot Ion: 99 Resp: 265372

Ion Ratio Lower Upper

99 100

42 16.0 11.8 17.8

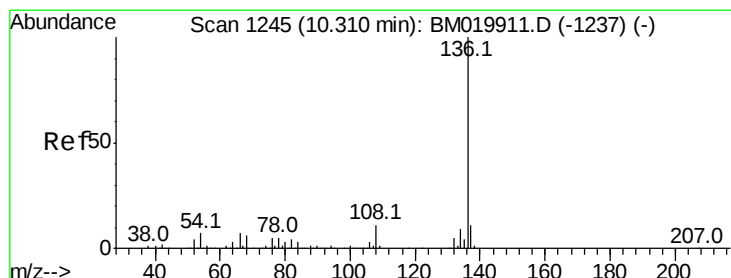
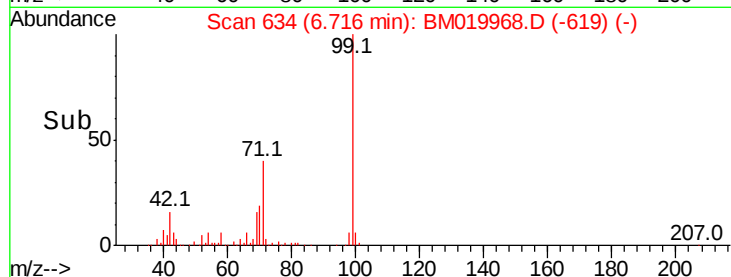
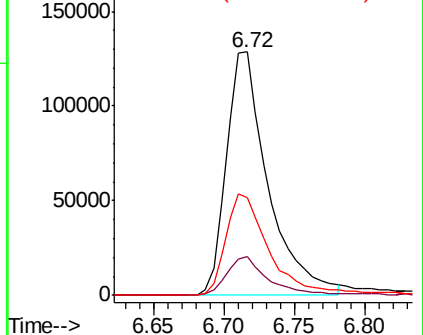
71 40.1 32.0 48.0



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: 10.29 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BM019968.D

Acq: 18 Apr 2019 23:58

Tgt Ion: 136 Resp: 336832

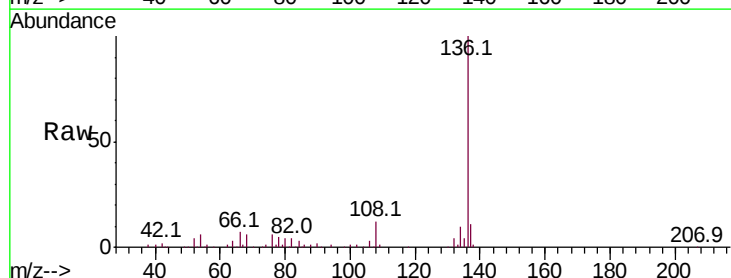
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.4 5.3 7.9

68 6.5 5.2 7.8

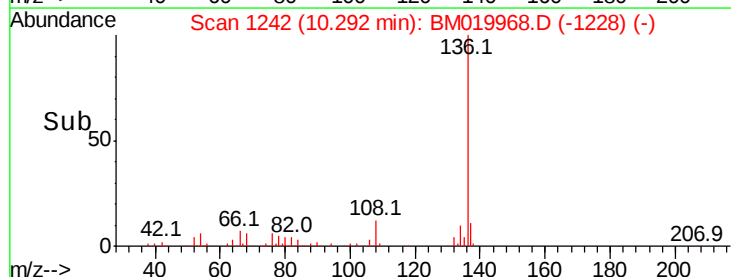
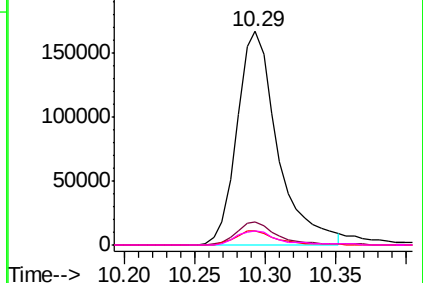


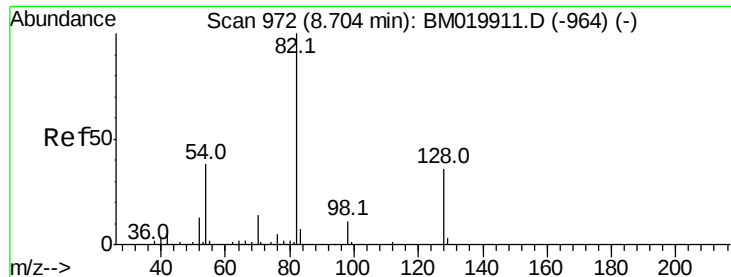
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

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) (-)

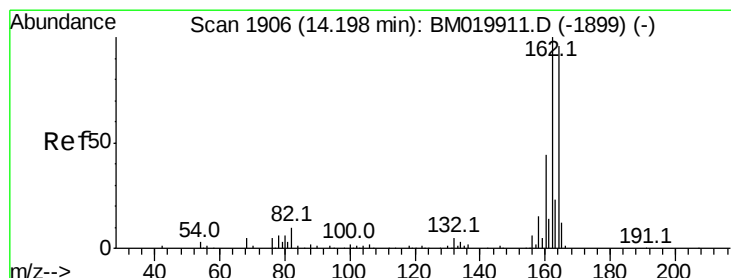
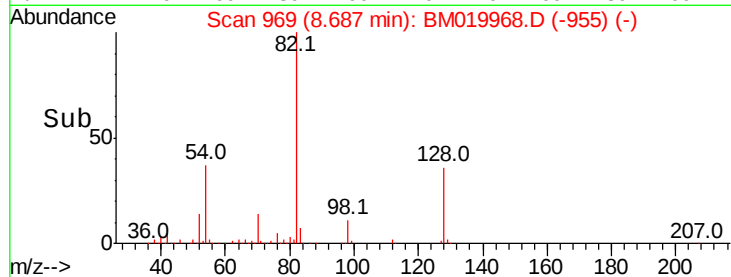
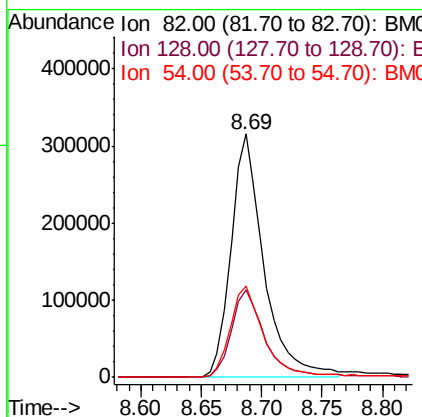
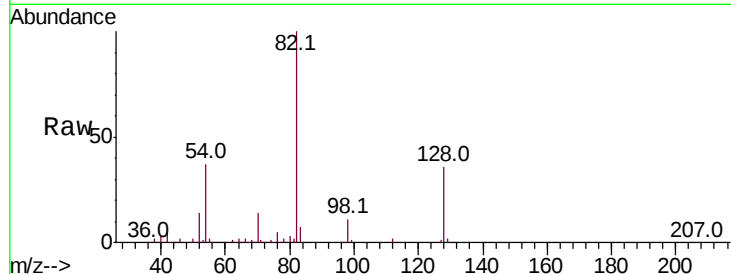




#23
 Nitrobenzene-d5
 Concen: 79.405 ng
 RT: 8.69 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BM019968.D
 Acq: 18 Apr 2019 23:58

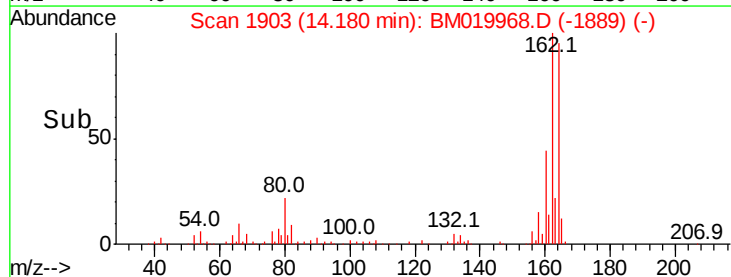
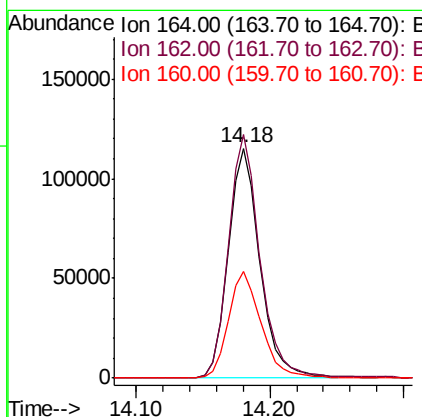
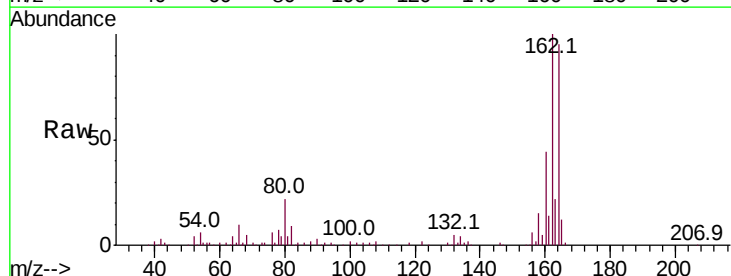
Instrument :
 BNA_M
 ClientSampleId :

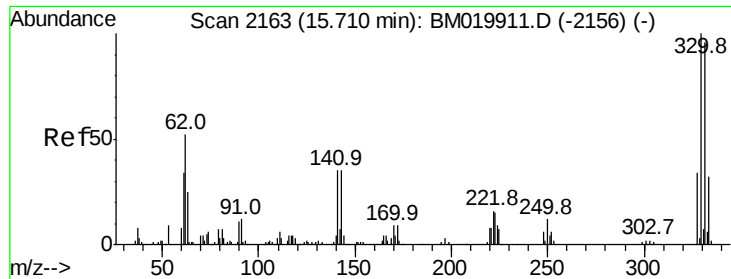
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.0	43.4
54	37.5	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BM019968.D
 Acq: 18 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.0	124.4
160	46.5	36.6	55.0

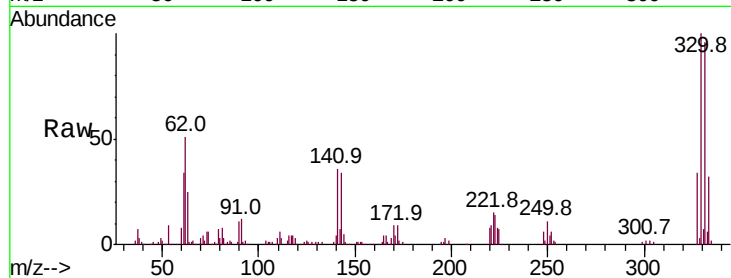




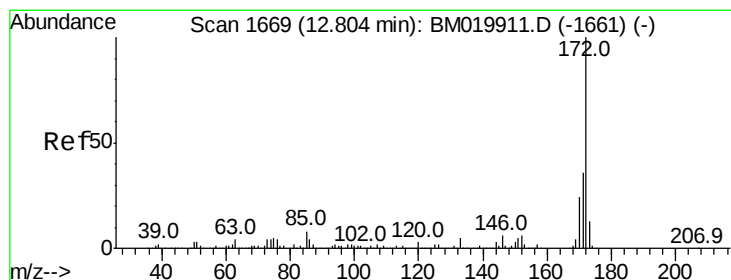
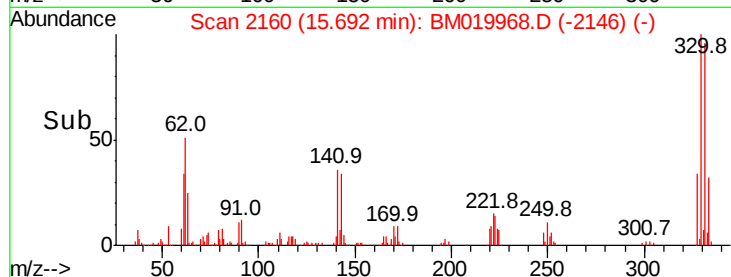
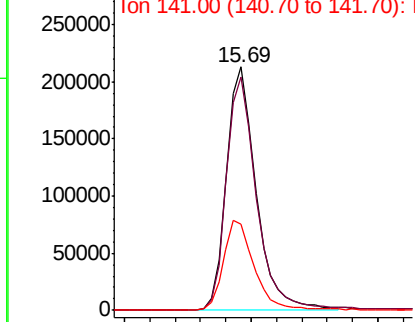
#42
 2,4,6-Tribromophenol
 Concen: 112.626 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BM019968.D
 Acq: 18 Apr 2019 23:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 347034
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 38.4 29.0 43.4

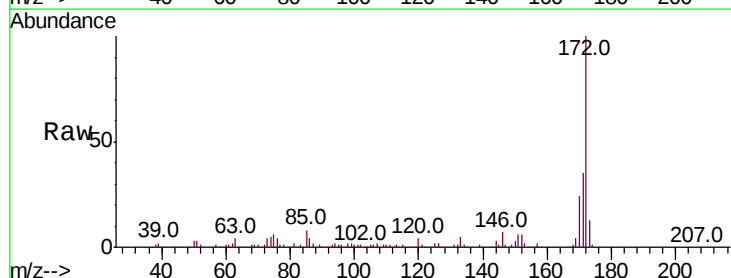


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

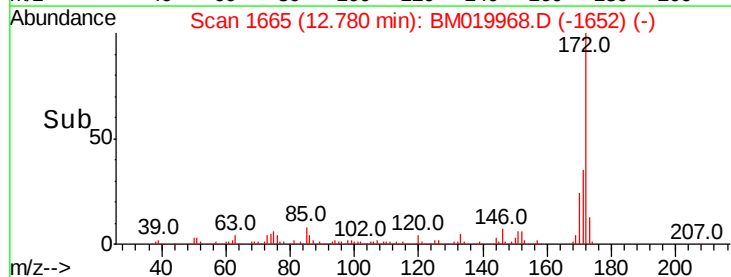
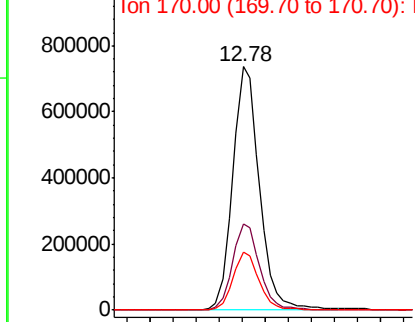


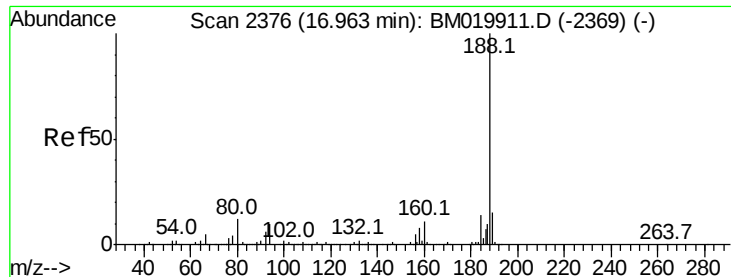
#45
 2-Fluorobiphenyl
 Concen: 77.126 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BM019968.D
 Acq: 18 Apr 2019 23:58

Tgt Ion:172 Resp: 1184639
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.7 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

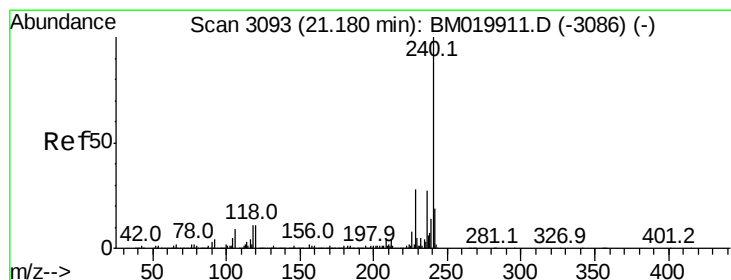
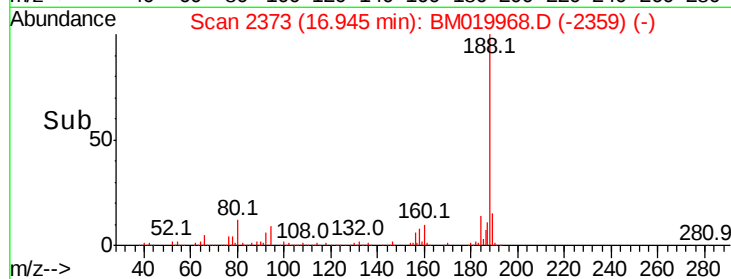
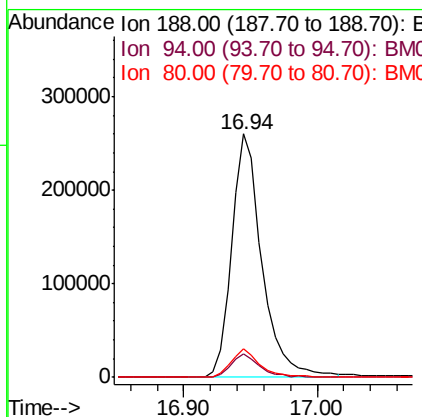
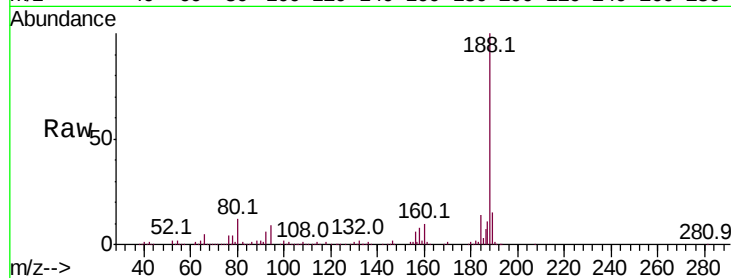




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.02 min
Lab File: BM019968.D
Acq: 18 Apr 2019 23:58

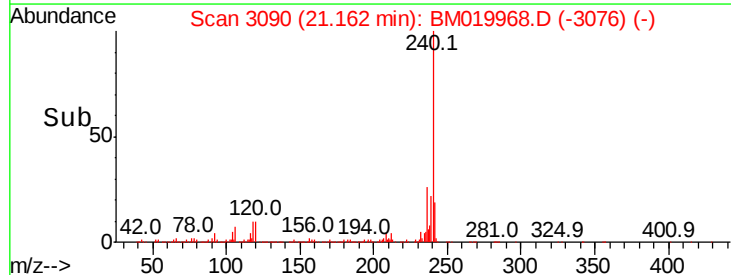
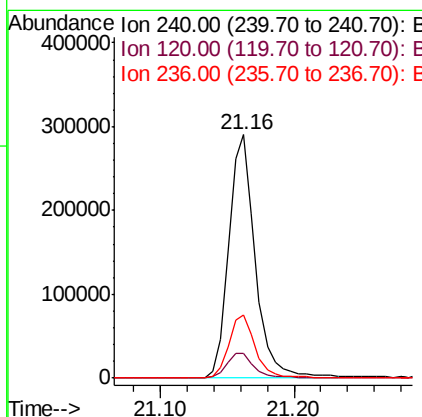
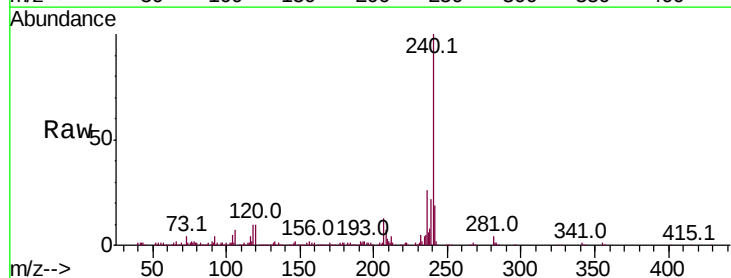
Instrument :
BNA_M
ClientSampleId :

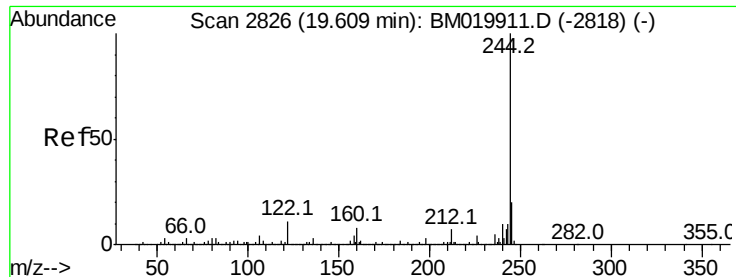
Tot Ion:188 Resp: 410595
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 11.5 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.02 min
Lab File: BM019968.D
Acq: 18 Apr 2019 23:58

Tgt Ion:240 Resp: 404059
Ion Ratio Lower Upper
240 100
120 10.1 8.6 13.0
236 25.9 21.4 32.2





#79

Terphenyl-d14

Concen: 83.864 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BM019968.D

Acq: 18 Apr 2019 23:58

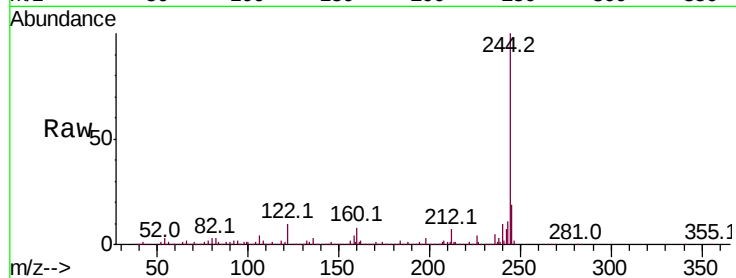
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 1921174

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	9.8	9.1	13.7

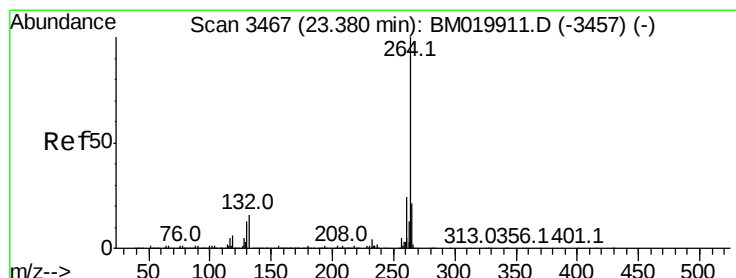
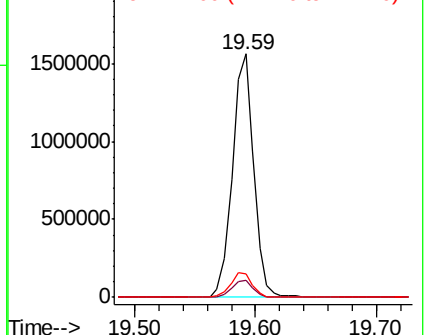
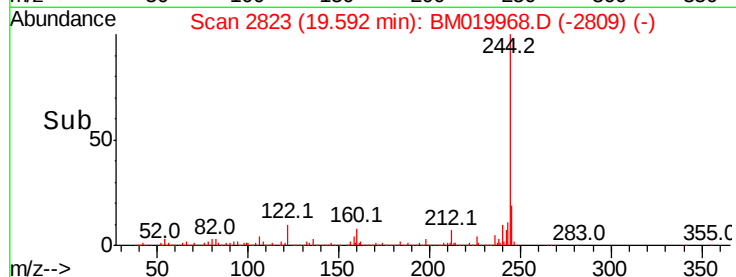


Abundance

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: 23.35 min Scan# 3462

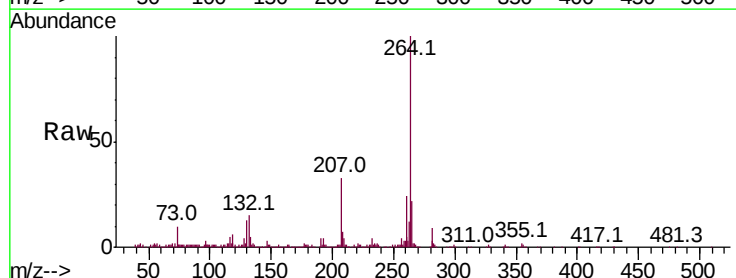
Delta R.T. -0.03 min

Lab File: BM019968.D

Acq: 18 Apr 2019 23:58

Tgt Ion:264 Resp: 514048

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	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

