

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019966.D
 Acq On : 18 Apr 2019 22:45
 Operator : JU/SJ
 Sample : K2461-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PZ-02

Quant Time: Apr 19 01:24:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	84244	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	310457	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	172475	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	370932	20.00	ng	0.00
76) Chrysene-d12	21.16	240	360703	20.00	ng	0.00
87) Perylene-d12	23.35	264	458964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	382118	73.51	ng	0.00
7) Phenol-d6	6.71	99	323394	41.34	ng	0.00
23) Nitrobenzene-d5	8.69	82	613178	88.33	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	363305	130.86	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1245485	89.99	ng	0.00
79) Terphenyl-d14	19.59	244	1881833	92.02	ng	0.00

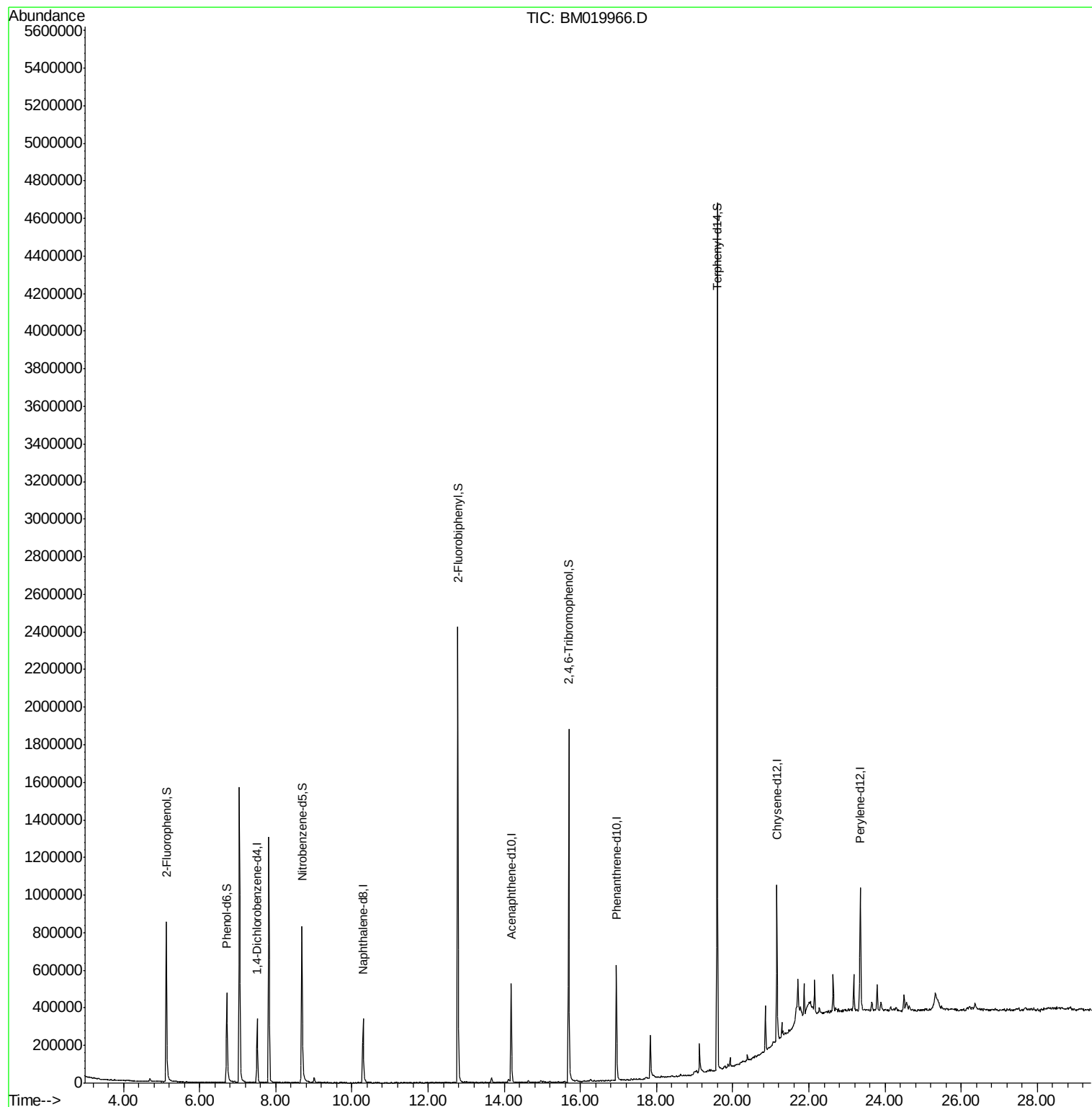
Target Compounds Qvalue

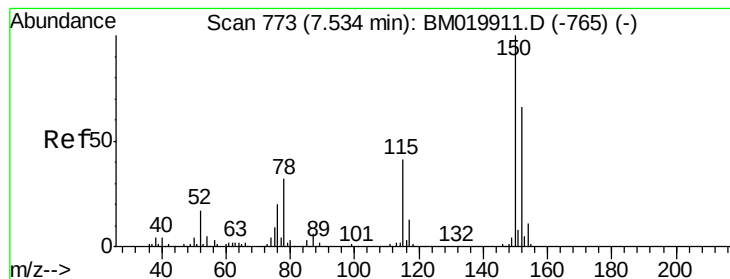
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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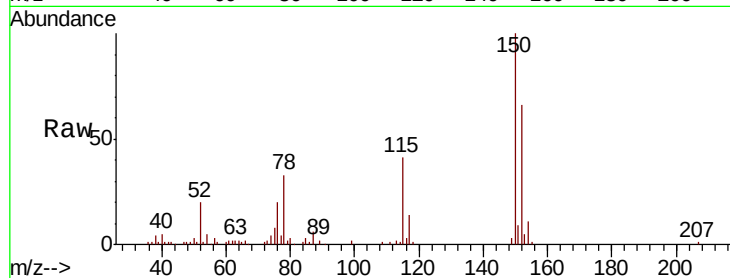


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM019966.D
Acq: 18 Apr 2019 22:45

Instrument :
BNA_M
ClientSampled :
PZ-02

Tot Ion	152	Resp	84244
Ion Ratio	Lower	Upper	
152	100		
150	152.5	122.1	183.1
115	62.3	50.0	75.0

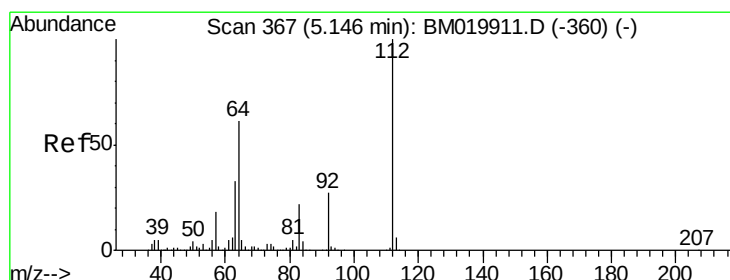
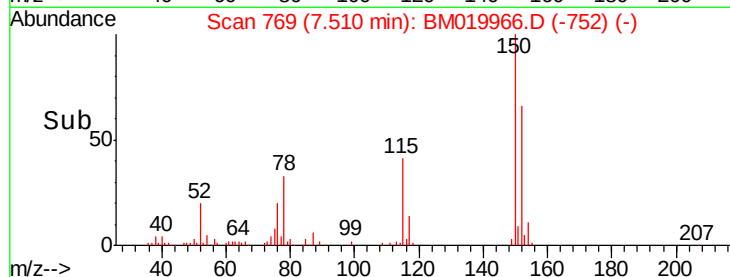
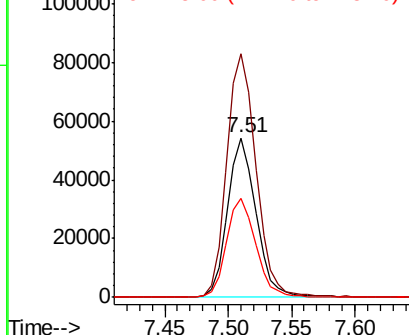


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

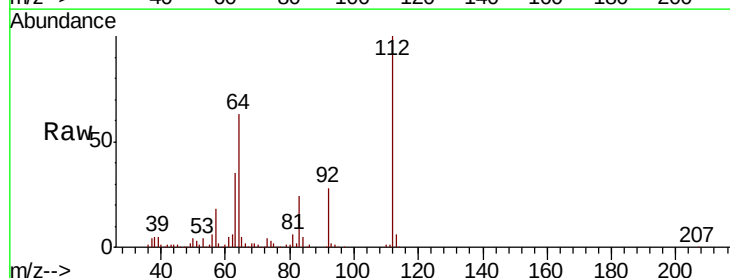
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 73.510 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM019966.D
Acq: 18 Apr 2019 22:45

Tgt Ion	112	Resp	382118
Ion Ratio	Lower	Upper	
112	100		
64	63.0	49.1	73.7
63	34.6	26.5	39.7

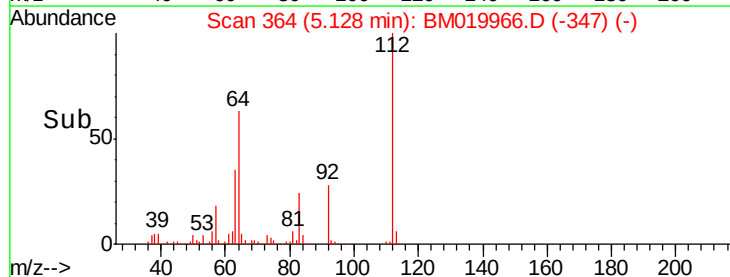
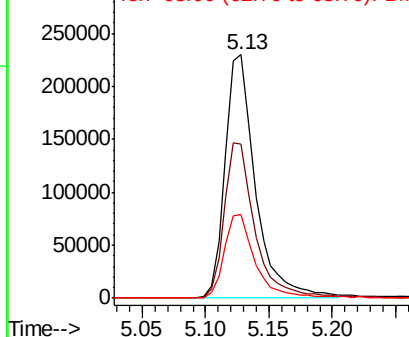


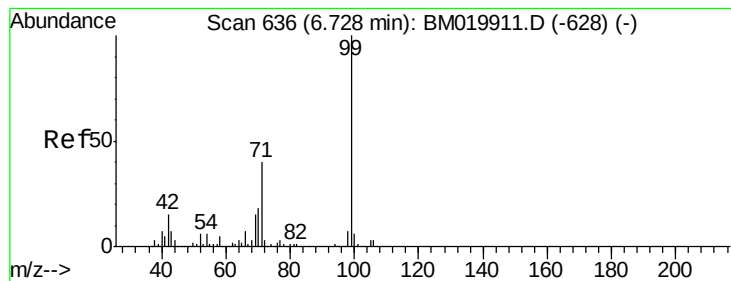
Abundance

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: 41.338 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM019966.D

Acq: 18 Apr 2019 22:45

Instrument :

BNA_M

ClientSampleId :

PZ-02

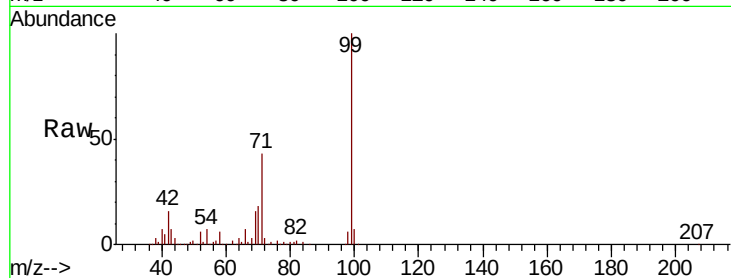
Tot Ion: 99 Resp: 323394

Ion Ratio Lower Upper

99 100

42 15.7 11.8 17.8

71 43.0 32.0 48.0

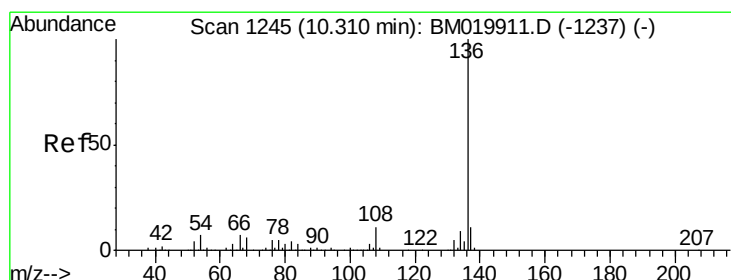
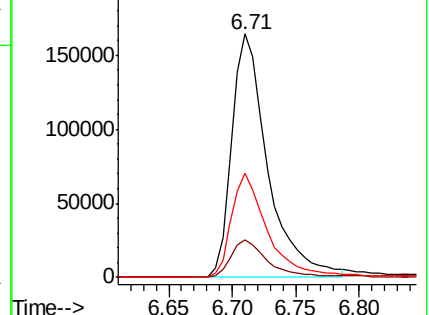
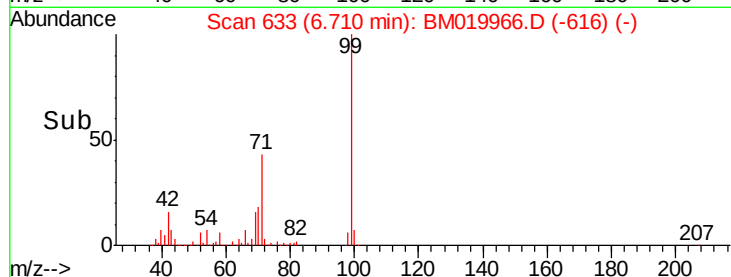


Abundance

Ion 99.00 (98.70 to 99.70): BM019966.D (-616) (-)

Ion 42.00 (41.70 to 42.70): BM019966.D (-616) (-)

Ion 71.00 (70.70 to 71.70): BM019966.D (-616) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BM019966.D

Acq: 18 Apr 2019 22:45

Tgt Ion: 136 Resp: 310457

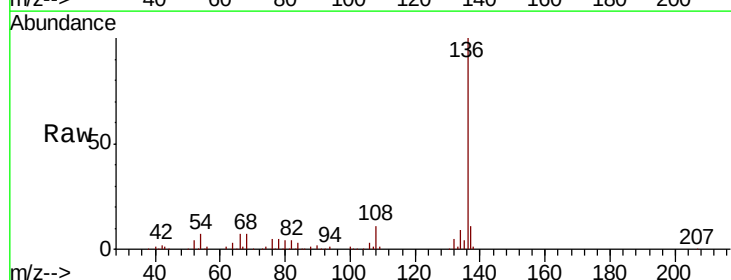
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.8 5.3 7.9

68 6.9 5.2 7.8



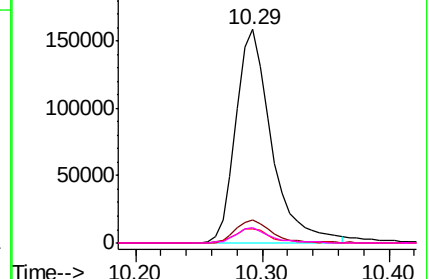
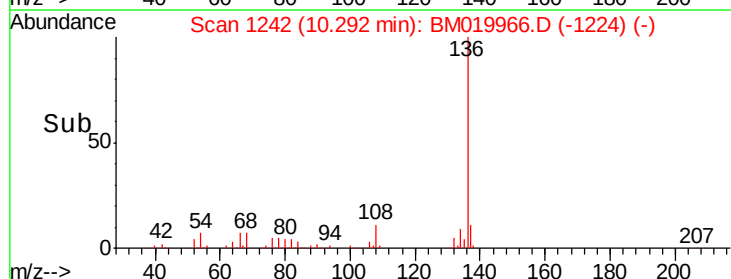
Abundance

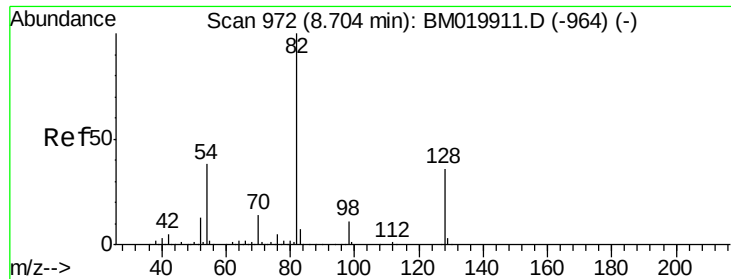
Ion 136.00 (135.70 to 136.70): BM019966.D (-1224) (-)

Ion 137.00 (136.70 to 137.70): BM019966.D (-1224) (-)

Ion 54.00 (53.70 to 54.70): BM019966.D (-1224) (-)

Ion 68.00 (67.70 to 68.70): BM019966.D (-1224) (-)

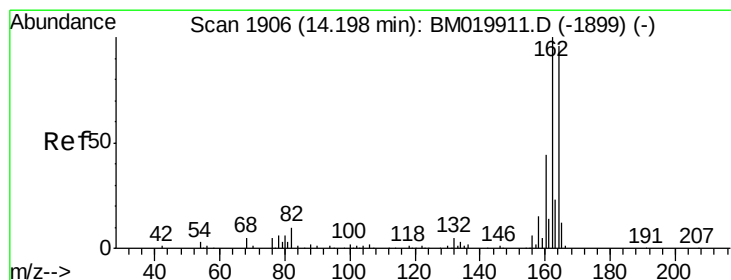
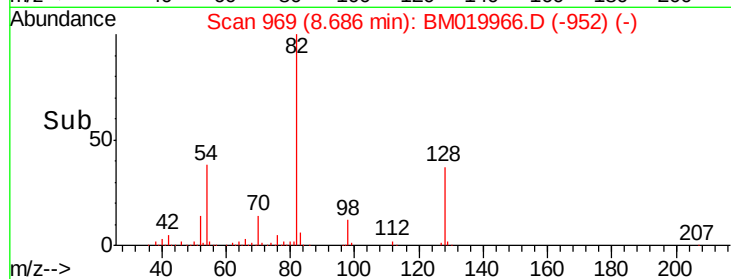
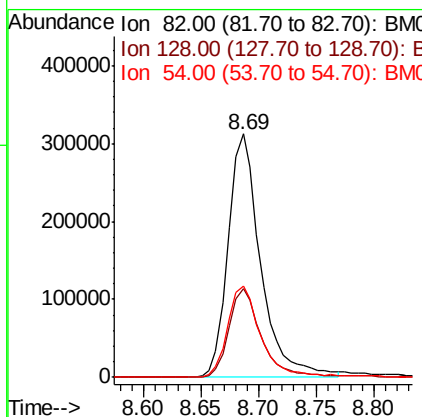
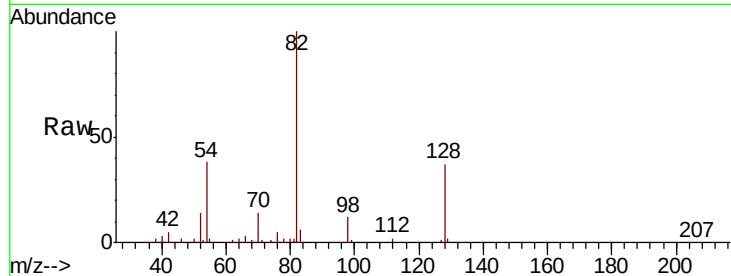




#23
 Nitrobenzene-d5
 Concen: 88.328 ng
 RT: 8.69 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BM019966.D
 Acq: 18 Apr 2019 22:45

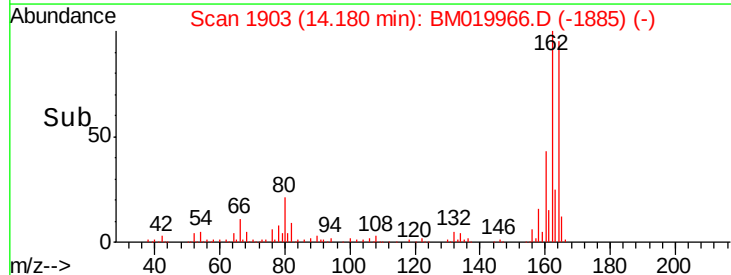
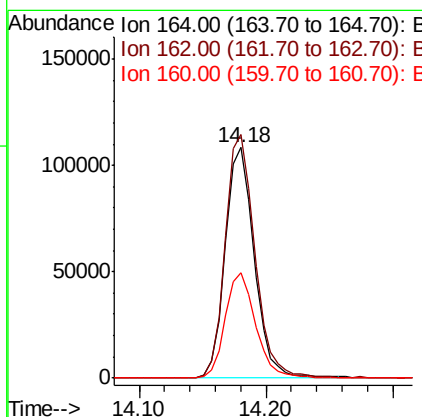
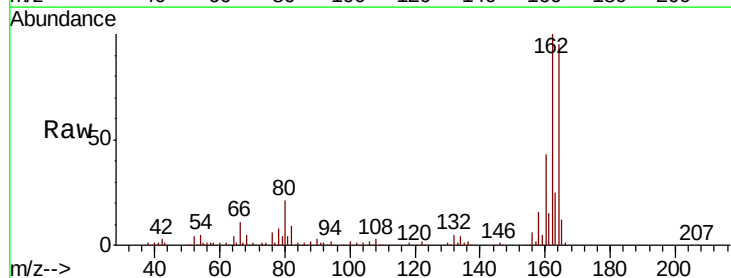
Instrument :
 BNA_M
 ClientSampleId :
 PZ-02

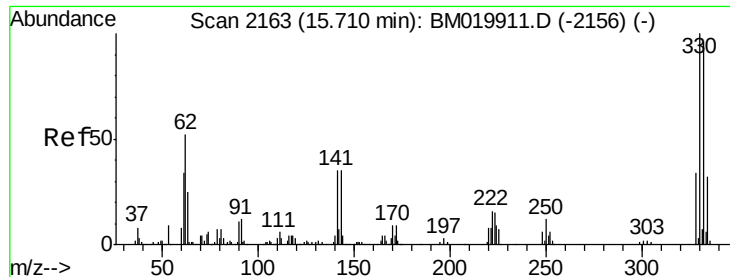
Tot Ion	82	Resp	613178
Ion Ratio	Lower	Upper	
82	100		
128	36.6	29.0	43.4
54	37.6	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: BM019966.D
 Acq: 18 Apr 2019 22:45

Tgt Ion	164	Resp	172475
Ion Ratio	Lower	Upper	
164	100		
162	105.7	83.0	124.4
160	45.6	36.6	55.0

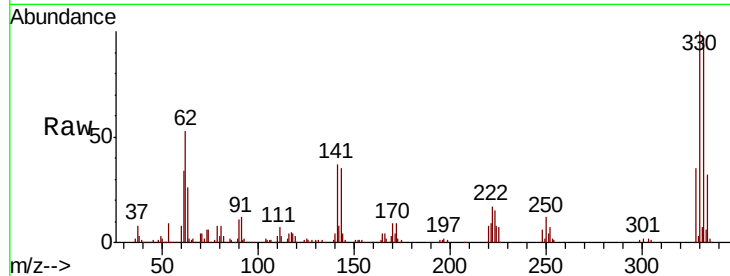




#42
 2,4,6-Tribromophenol
 Concen: 130.856 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM019966.D
 Acq: 18 Apr 2019 22:45

Instrument :
 BNA_M
 ClientSampleId :
 PZ-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	38.1	29.0	43.4

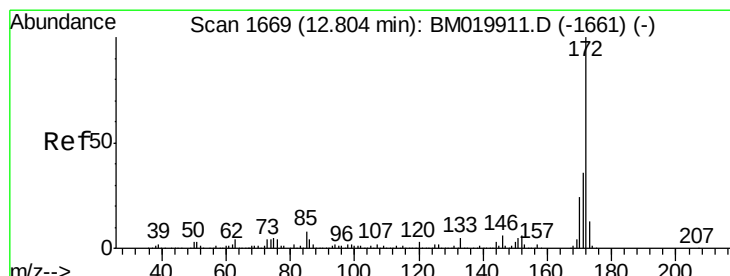
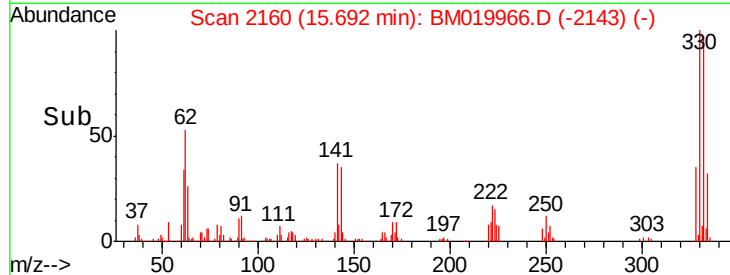
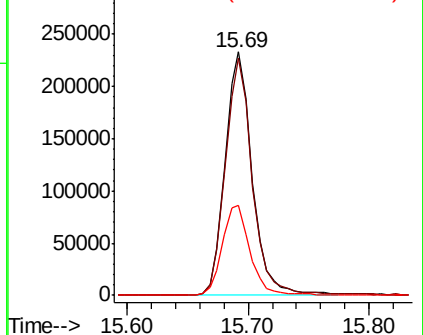


Abundance

Ion 329.80 (329.50 to 330.50): E

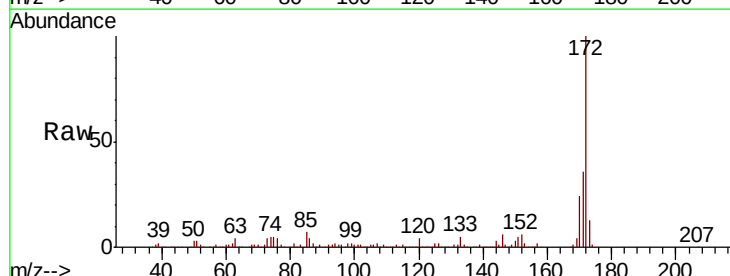
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.993 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019966.D
 Acq: 18 Apr 2019 22:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.5	19.0	28.4

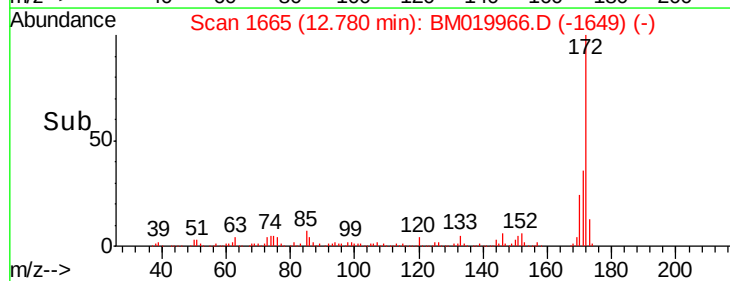
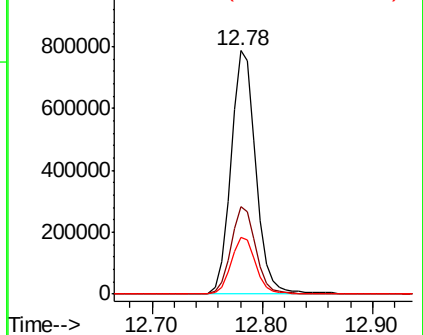


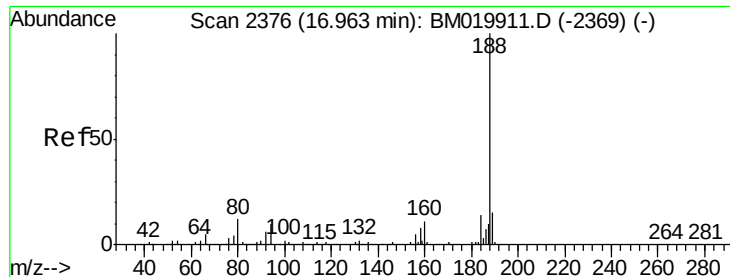
Abundance

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

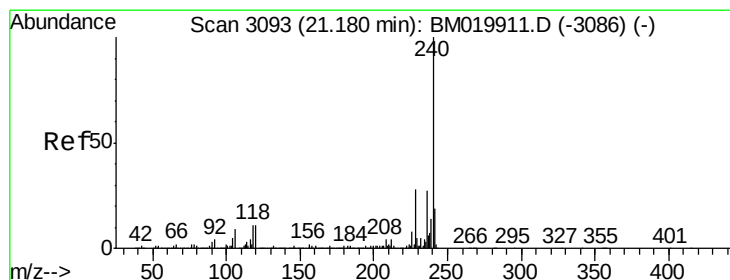
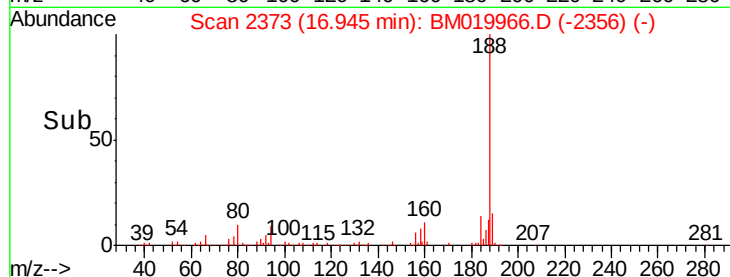
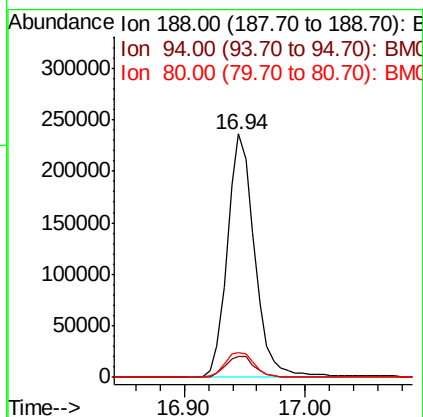
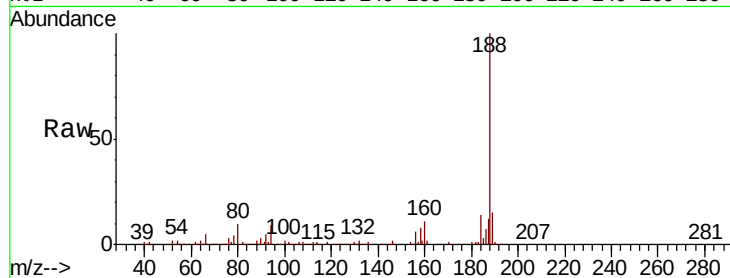




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.94 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: BM019966.D
 Acq: 18 Apr 2019 22:45

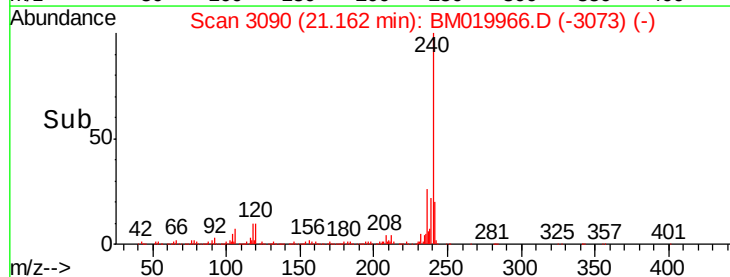
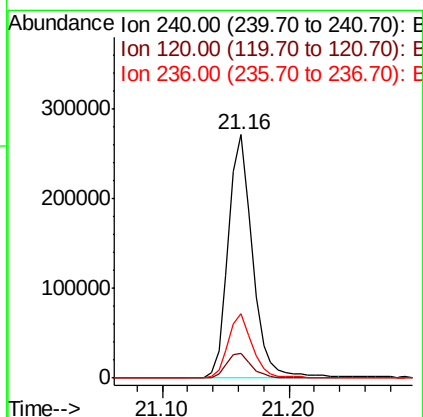
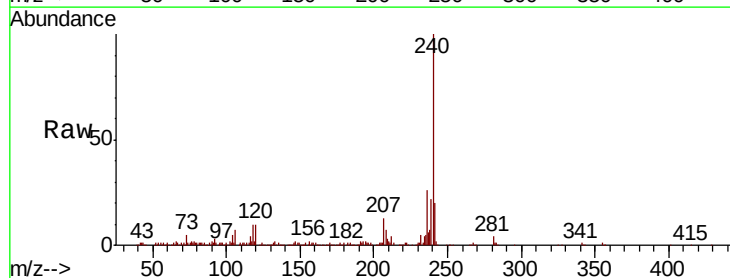
Instrument :
 BNA_M
 ClientSampleId :
 PZ-02

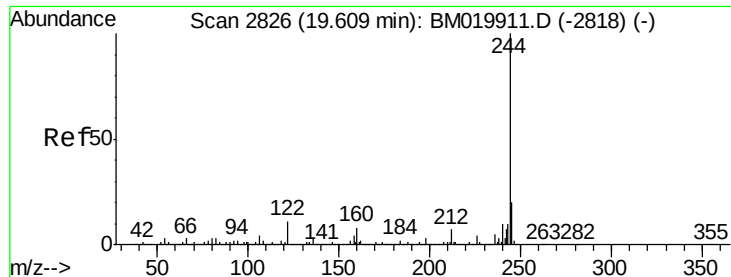
Tot Ion:188 Resp: 370932
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.6 11.4
 80 10.4 9.4 14.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.00 min
 Lab File: BM019966.D
 Acq: 18 Apr 2019 22:45

Tgt Ion:240 Resp: 360703
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.6 13.0
 236 26.3 21.4 32.2





#79

Terphenyl-d14

Concen: 92.021 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM019966.D

Acq: 18 Apr 2019 22:45

Instrument :

BNA_M

ClientSampled :

PZ-02

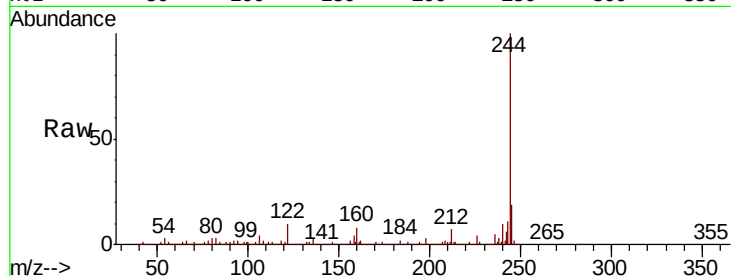
Tot Ion:244 Resp: 1881833

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

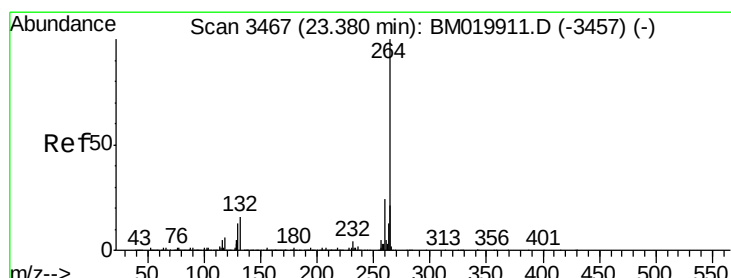
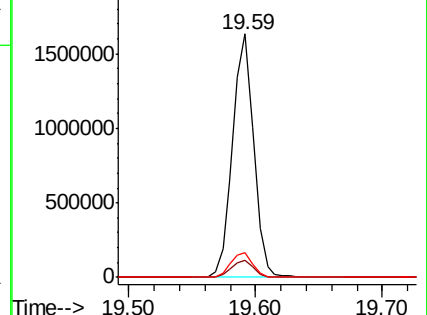
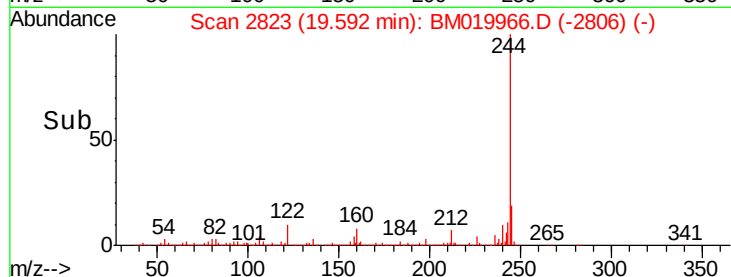
122 10.3 9.1 13.7



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. -0.00 min

Lab File: BM019966.D

Acq: 18 Apr 2019 22:45

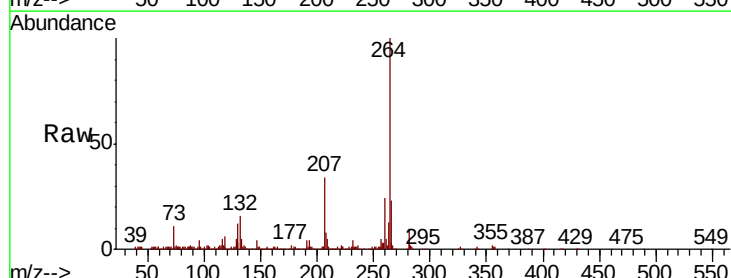
Tgt Ion:264 Resp: 458964

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.9 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

