

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019964.D
 Acq On : 18 Apr 2019 21:33
 Operator : JU/SJ
 Sample : K2461-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PZ-01

Quant Time: Apr 19 01:16:09 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	106204	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	392794	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	222153	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	480114	20.00	ng	0.00
76) Chrysene-d12	21.16	240	477220	20.00	ng	0.00
87) Perylene-d12	23.35	264	584545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	427890	65.30	ng	0.00
7) Phenol-d6	6.71	99	351715	35.66	ng	0.00
23) Nitrobenzene-d5	8.69	82	753676	85.81	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	466708	130.51	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1551078	87.01	ng	0.00
79) Terphenyl-d14	19.59	244	2524277	93.30	ng	0.00

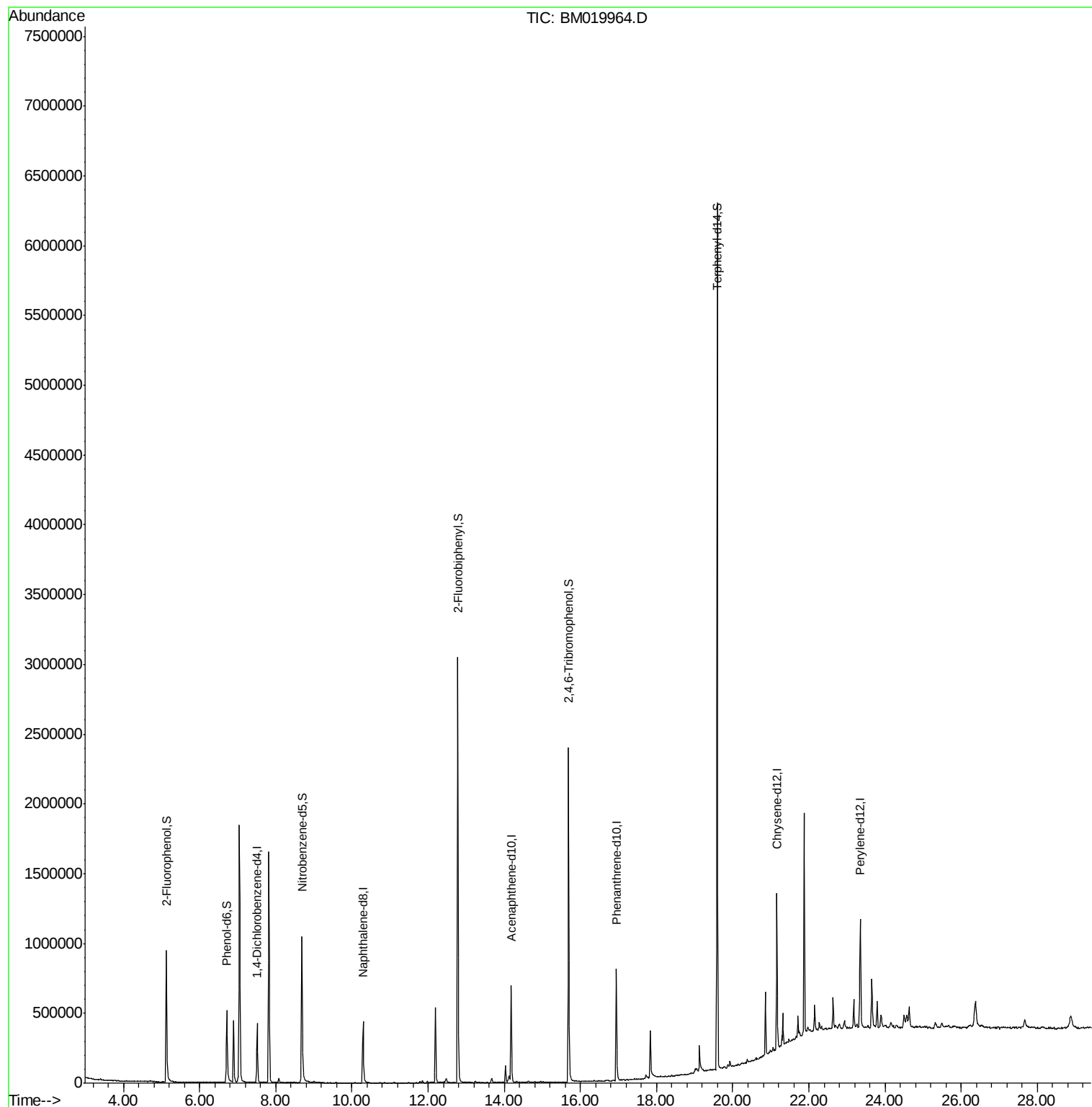
Target Compounds Qvalue

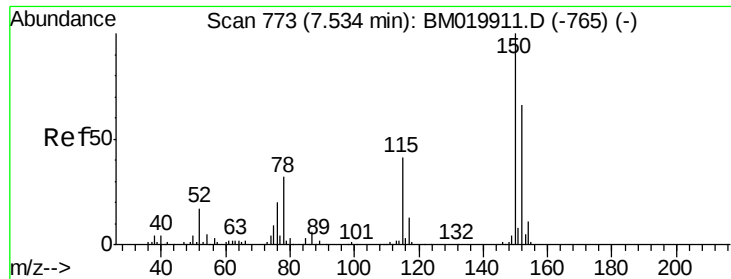
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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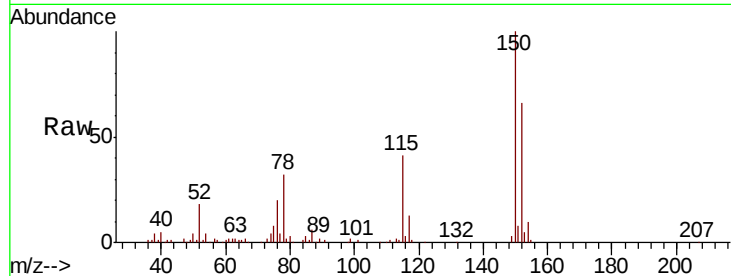


#1

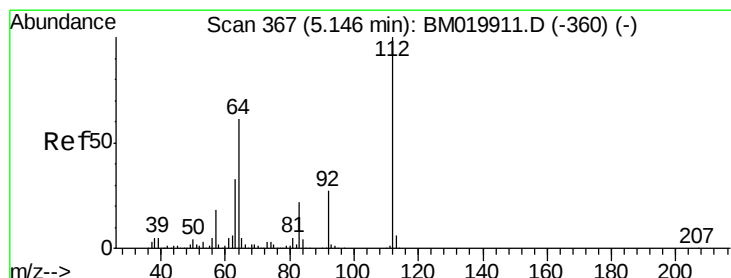
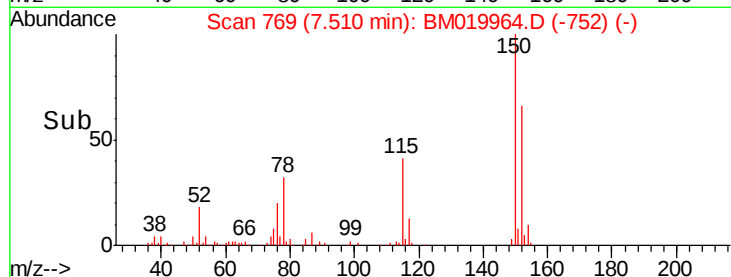
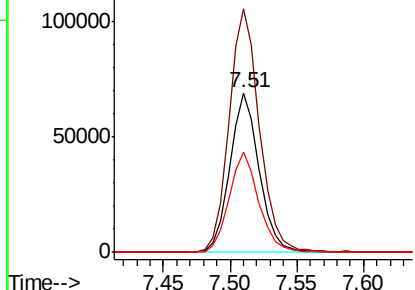
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM019964.D
Acq: 18 Apr 2019 21:33

Instrument :
BNA_M
ClientSampleId :
PZ-01

Tot Ion:152 Resp: 106204
Ion Ratio Lower Upper
152 100
150 152.4 122.1 183.1
115 63.1 50.0 75.0



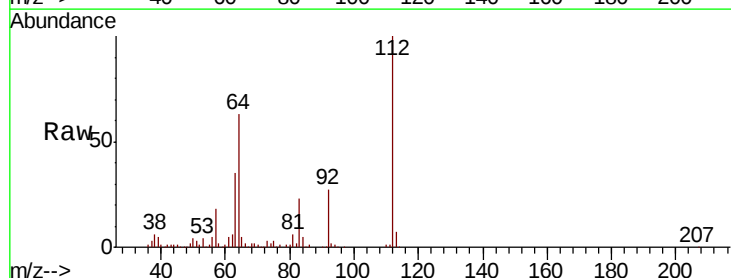
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



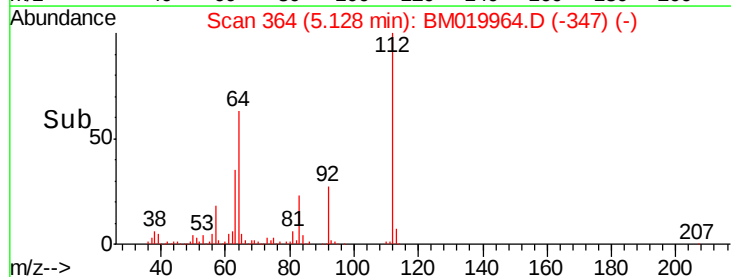
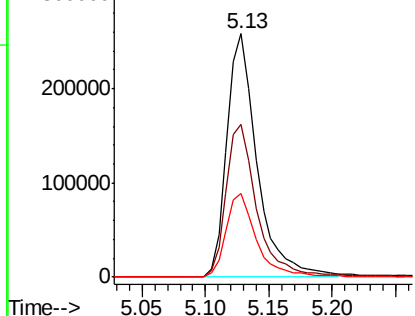
#5

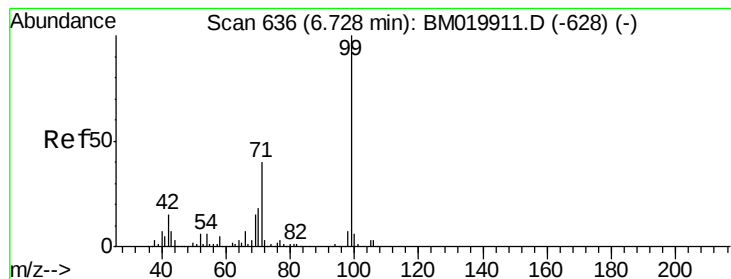
2-Fluorophenol
Concen: 65.295 ng
RT: 5.13 min Scan# 364
Delta R.T. 0.00 min
Lab File: BM019964.D
Acq: 18 Apr 2019 21:33

Tgt Ion:112 Resp: 427890
Ion Ratio Lower Upper
112 100
64 62.5 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: 35.662 ng

RT: 6.71 min Scan# 633

Delta R.T. 0.00 min

Lab File: BM019964.D

Acq: 18 Apr 2019 21:33

Instrument :

BNA_M

ClientSampled :

PZ-01

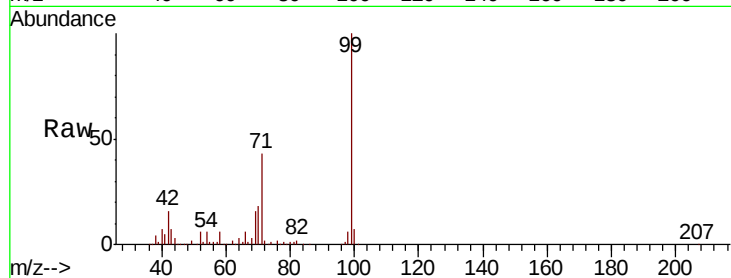
Tot Ion: 99 Resp: 351715

Ion Ratio Lower Upper

99 100

42 15.6 11.8 17.8

71 42.6 32.0 48.0

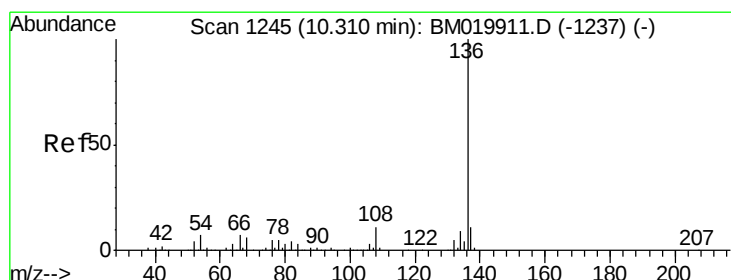
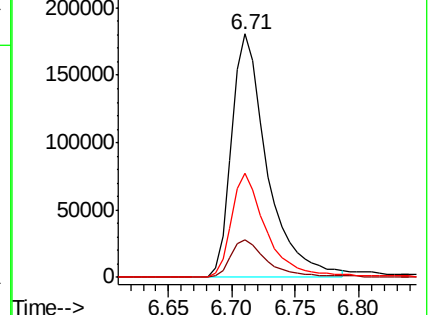
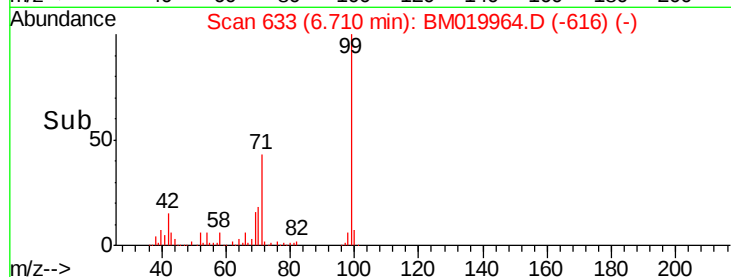


Abundance

Ion 99.00 (98.70 to 99.70): BM019964.D (-616) (-)

Ion 42.00 (41.70 to 42.70): BM019964.D (-616) (-)

Ion 71.00 (70.70 to 71.70): BM019964.D (-616) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BM019964.D

Acq: 18 Apr 2019 21:33

Tgt Ion: 136 Resp: 392794

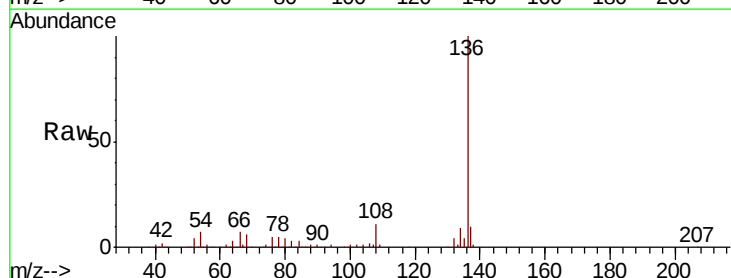
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.6

54 6.9 5.3 7.9

68 6.4 5.2 7.8



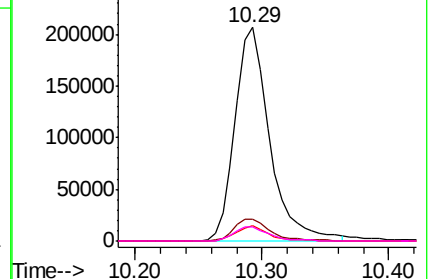
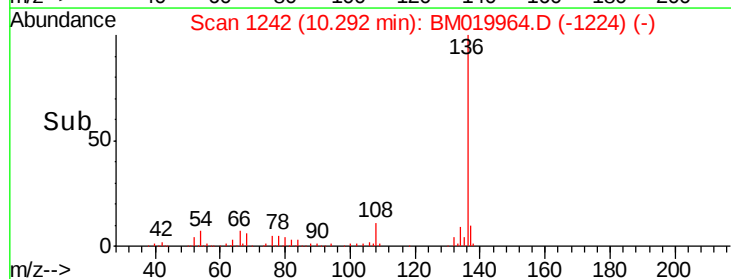
Abundance

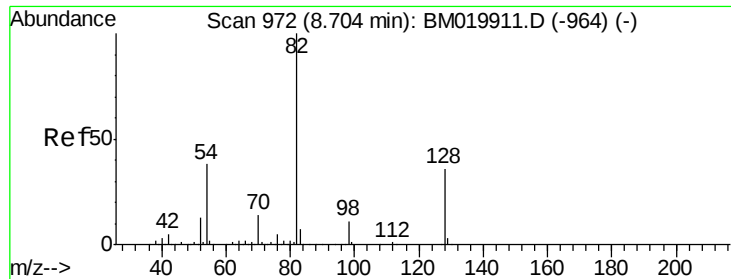
Ion 136.00 (135.70 to 136.70): BM019964.D (-1224) (-)

Ion 137.00 (136.70 to 137.70): BM019964.D (-1224) (-)

Ion 54.00 (53.70 to 54.70): BM019964.D (-1224) (-)

Ion 68.00 (67.70 to 68.70): BM019964.D (-1224) (-)

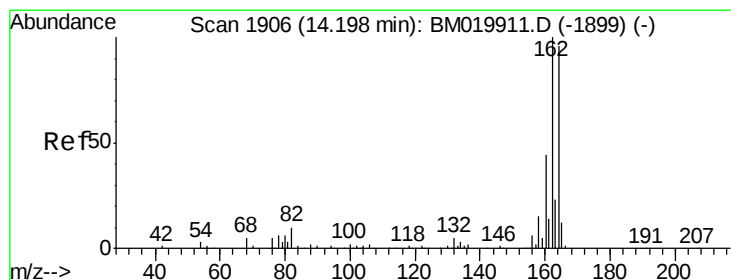
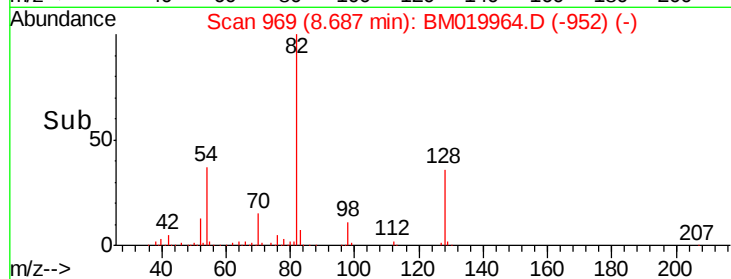
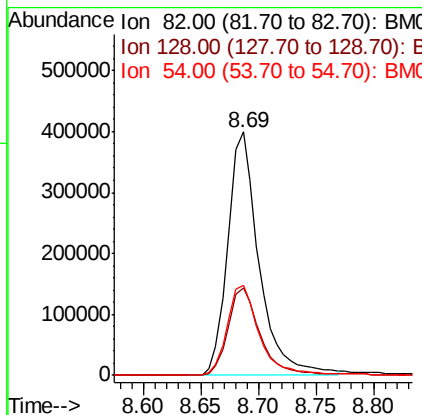
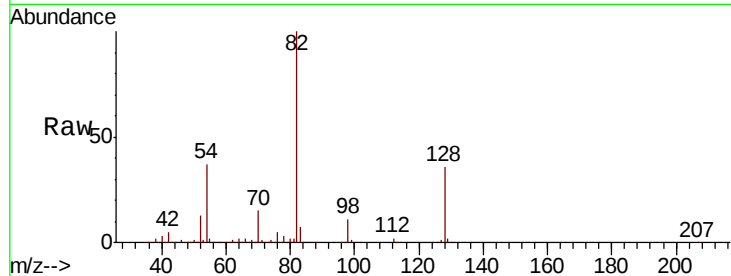




#23
Nitrobenzene-d5
Concen: 85.809 ng
RT: 8.69 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM019964.D
Acq: 18 Apr 2019 21:33

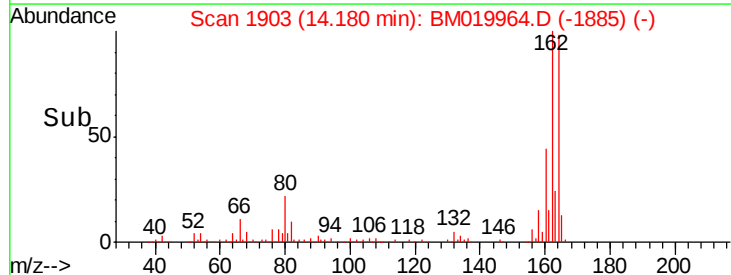
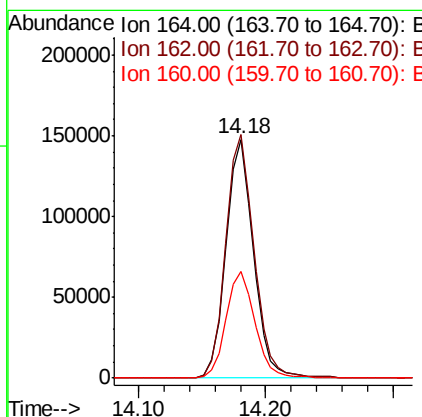
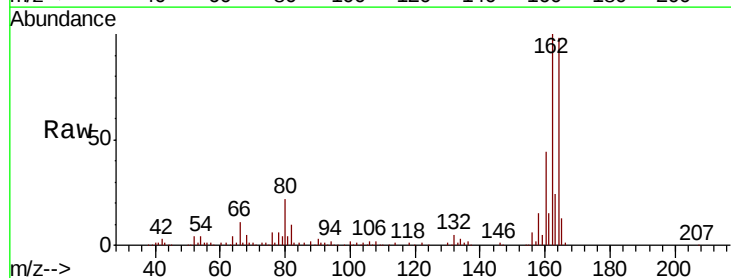
Instrument :
BNA_M
ClientSampled :
PZ-01

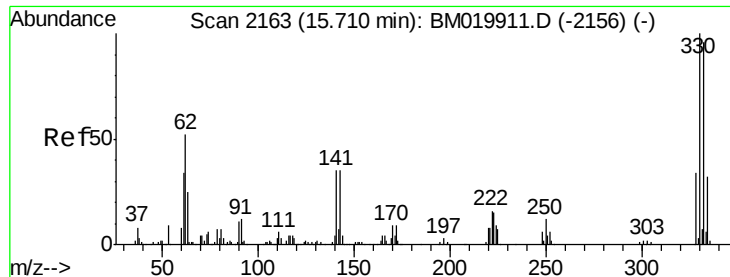
Tot Ion	82	Resp	753676
Ion Ratio	Lower	Upper	
82	100		
128	35.8	29.0	43.4
54	37.2	30.2	45.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. 0.01 min
Lab File: BM019964.D
Acq: 18 Apr 2019 21:33

Tgt Ion	164	Resp	222153
Ion Ratio	Lower	Upper	
164	100		
162	102.0	83.0	124.4
160	44.8	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 130.509 ng

RT: 15.69 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM019964.D

Acq: 18 Apr 2019 21:33

Instrument :

BNA_M

ClientSampleId :

PZ-01

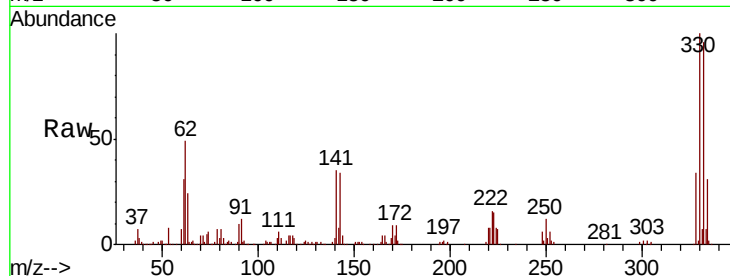
Tot Ion:330 Resp: 466708

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

141 37.1 29.0 43.4

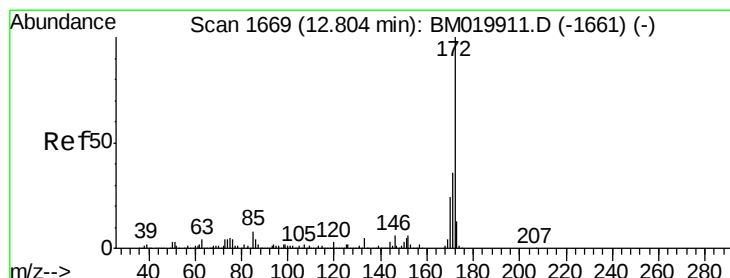
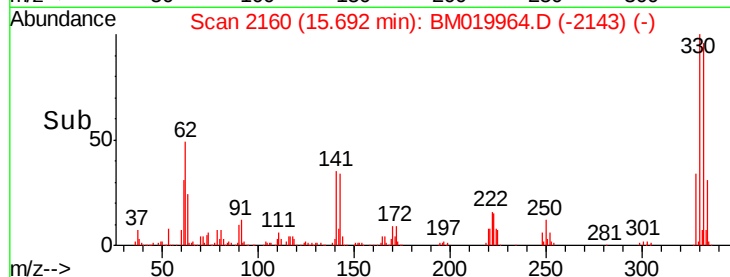
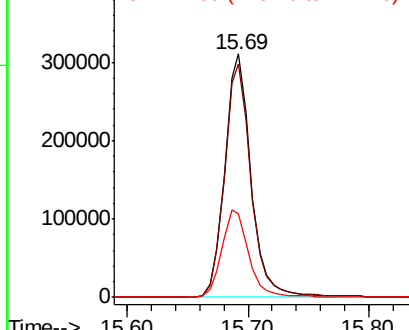


Abundance

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: 87.012 ng

RT: 12.78 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BM019964.D

Acq: 18 Apr 2019 21:33

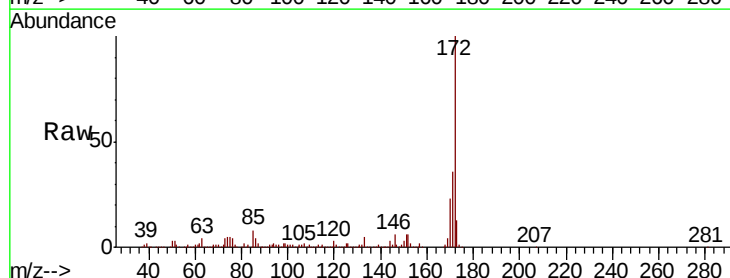
Tgt Ion:172 Resp: 1551078

Ion Ratio Lower Upper

172 100

171 36.4 28.9 43.3

170 23.5 19.0 28.4

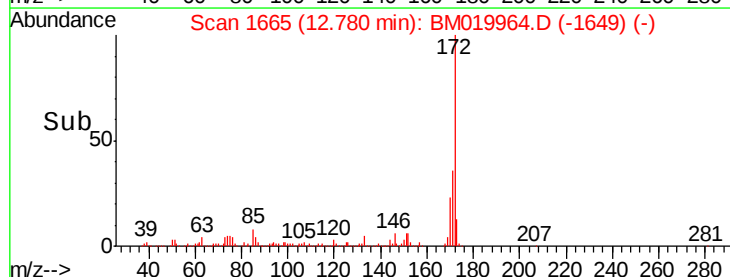
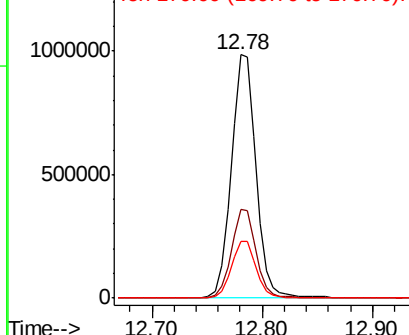


Abundance

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

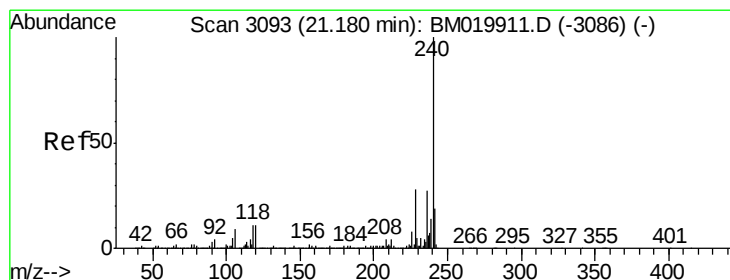
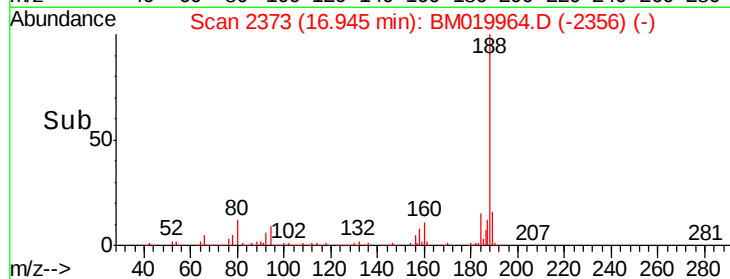
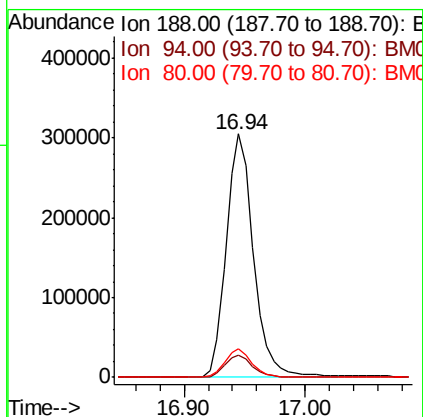
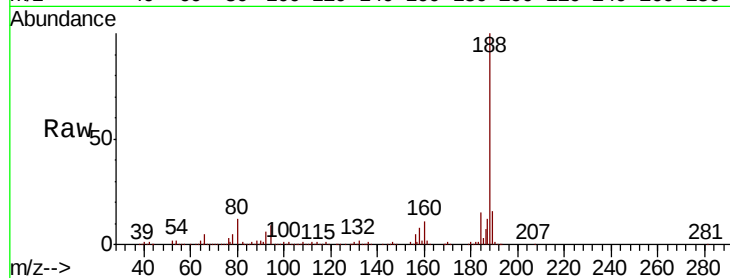




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BM019964.D
Acq: 18 Apr 2019 21:33

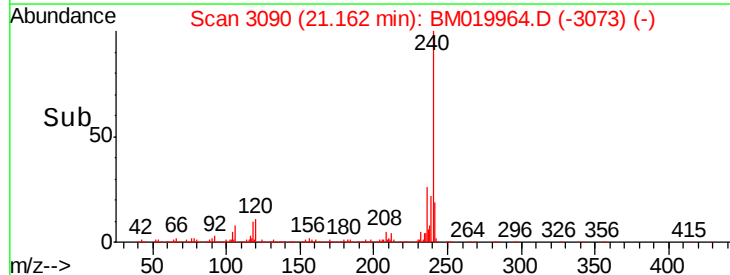
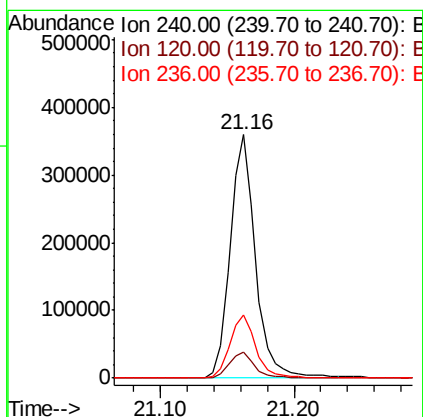
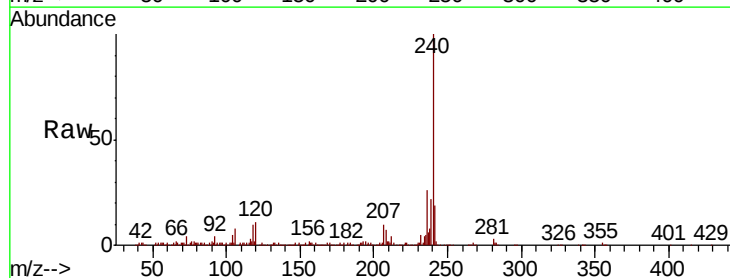
Instrument :
BNA_M
ClientSampleId :
PZ-01

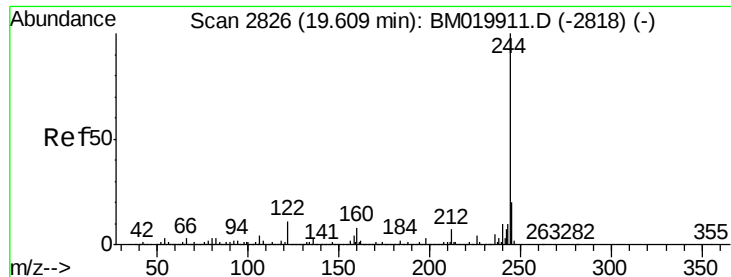
Tot Ion:188 Resp: 480114
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 11.8 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM019964.D
Acq: 18 Apr 2019 21:33

Tgt Ion:240 Resp: 477220
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 26.1 21.4 32.2





#79

Terphenyl-d14

Concen: 93.298 ng

RT: 19.59 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM019964.D

Acq: 18 Apr 2019 21:33

Instrument :

BNA_M

ClientSampleId :

PZ-01

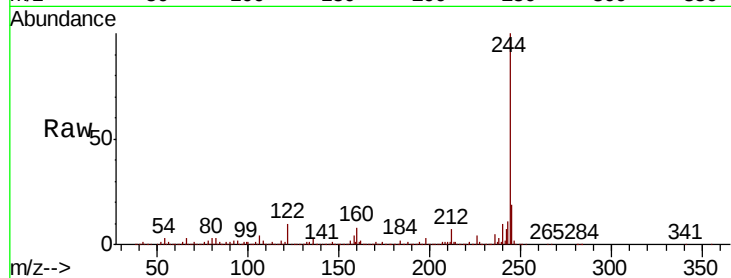
Tot Ion:244 Resp: 2524277

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

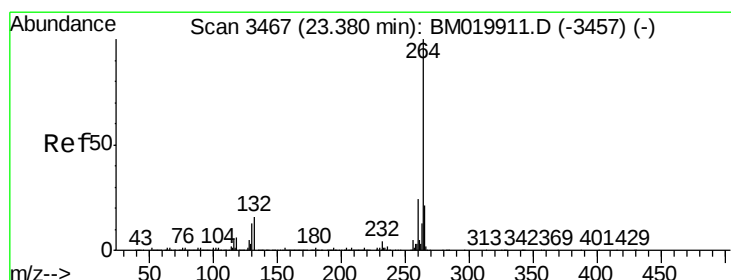
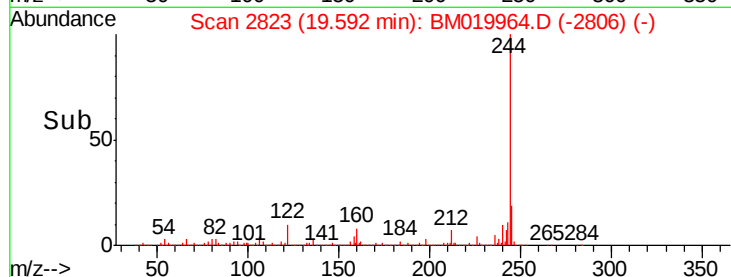
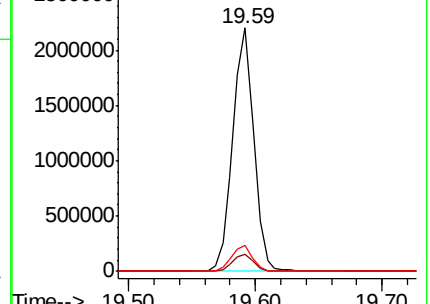
122 10.5 9.1 13.7



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: BM019964.D

Acq: 18 Apr 2019 21:33

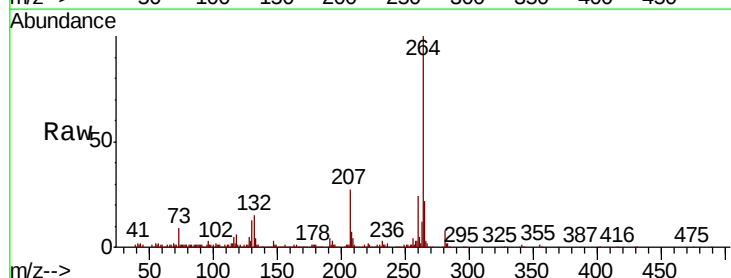
Tgt Ion:264 Resp: 584545

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.2 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

