

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042219\
 Data File : BM020015.D
 Acq On : 22 Apr 2019 20:42
 Operator : JU/SJ
 Sample : K2201-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 23 01:03:53 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

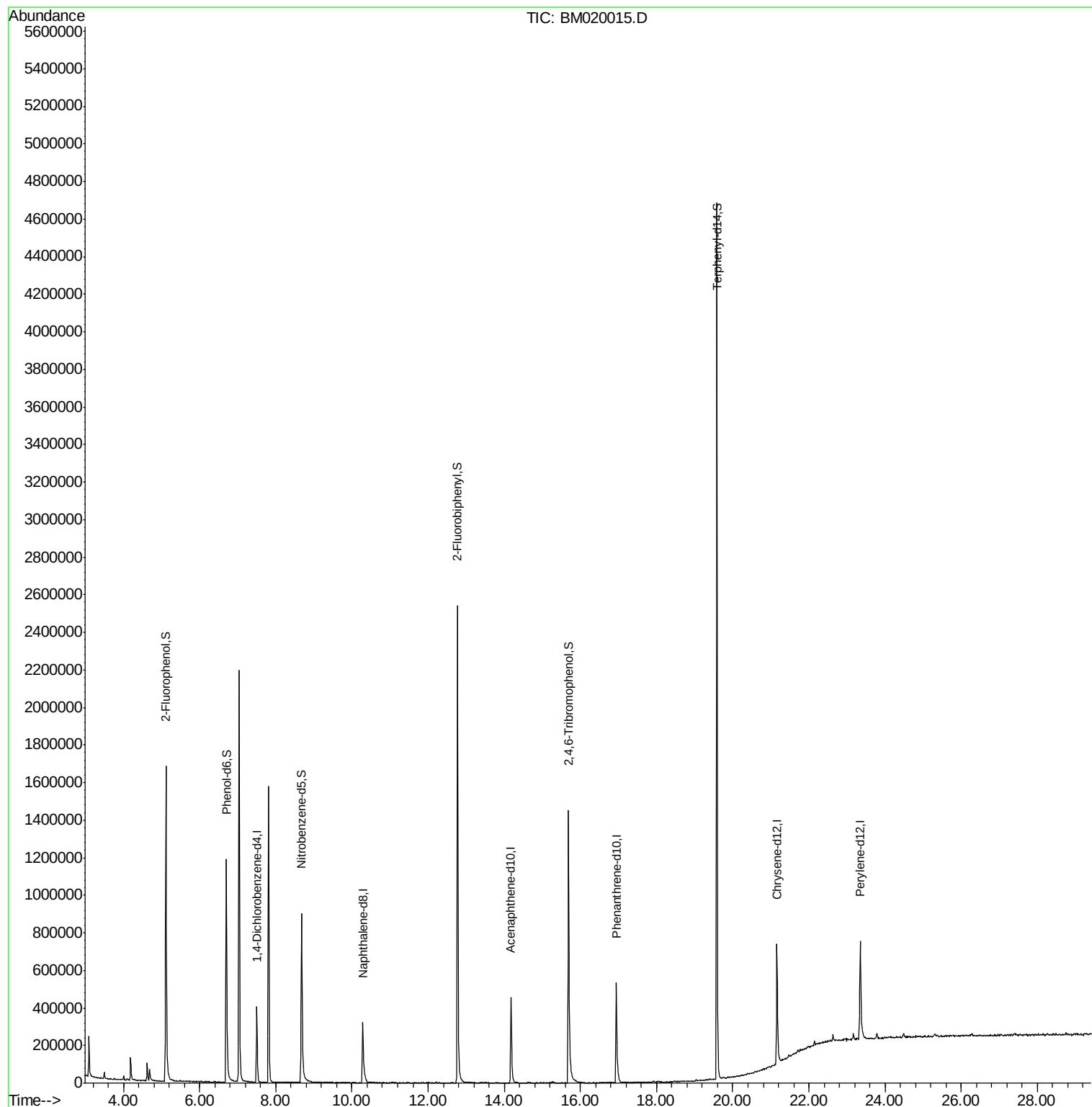
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	104840	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	344993	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	183748	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	386243	20.00	ng	0.00
76) Chrysene-d12	21.16	240	364267	20.00	ng	0.00
87) Perylene-d12	23.35	264	445532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	718028	110.99	ng	-0.01
7) Phenol-d6	6.70	99	755249	77.57	ng	-0.01
23) Nitrobenzene-d5	8.68	82	706064	91.53	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	346824	117.26	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1372941	93.12	ng	-0.01
79) Terphenyl-d14	19.59	244	2104490	101.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	2331	Below Cal	Qvalue #	7

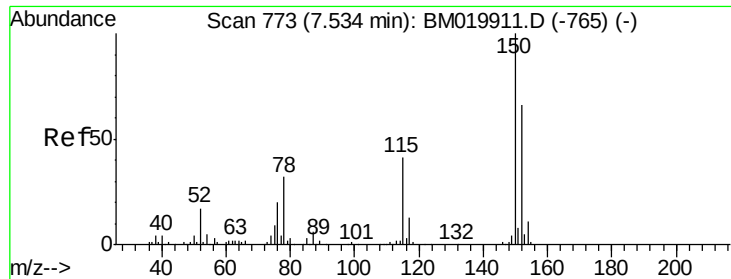
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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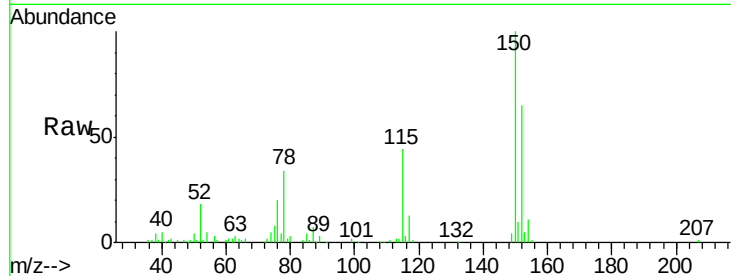


#1

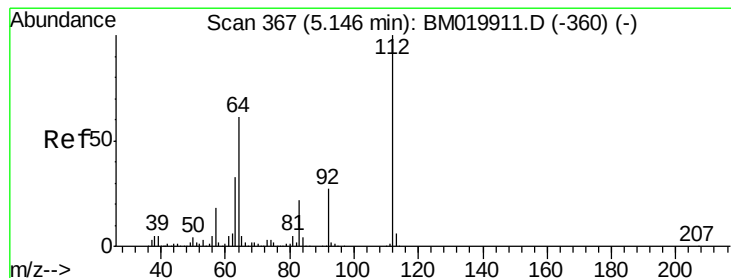
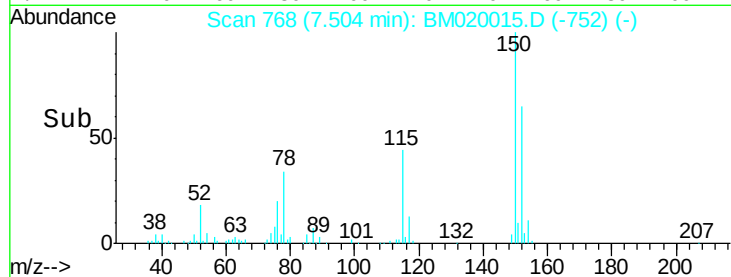
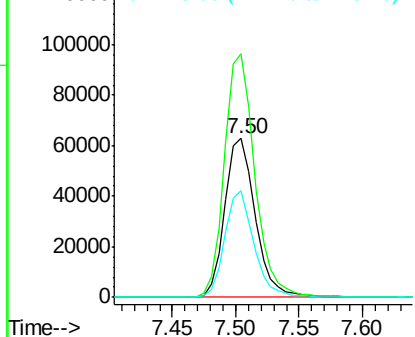
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM020015.D
Acq: 22 Apr 2019 20:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.1	183.1
115	67.0	50.0	75.0



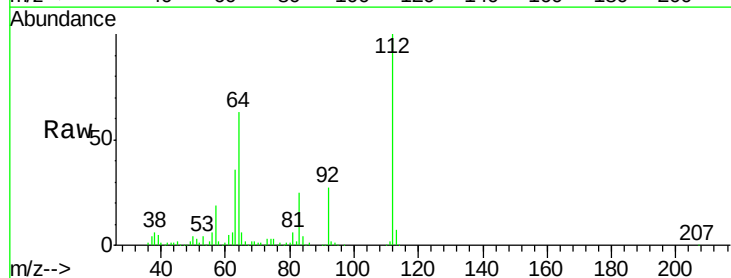
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



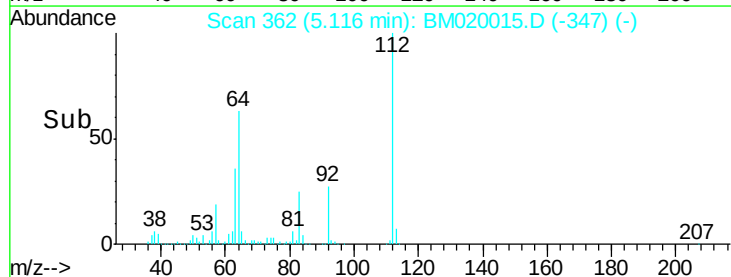
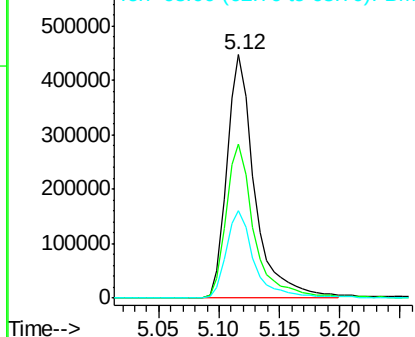
#5

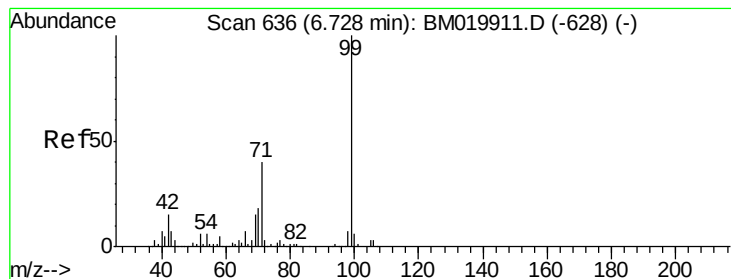
2-Fluorophenol
Concen: 110.995 ng
RT: 5.12 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM020015.D
Acq: 22 Apr 2019 20:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	49.1	73.7
63	35.9	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: 77.575 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020015.D

Acq: 22 Apr 2019 20:42

Instrument :

BNA_M

ClientSampleId :

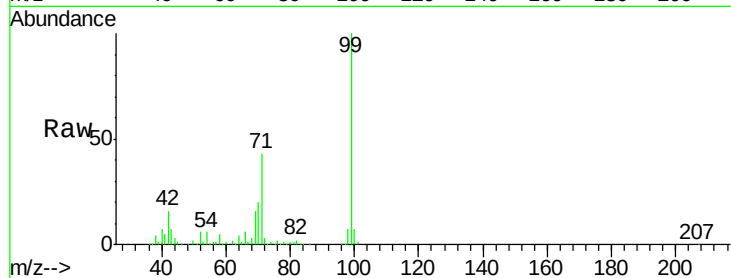
Tot Ion: 99 Resp: 755249

Ion Ratio Lower Upper

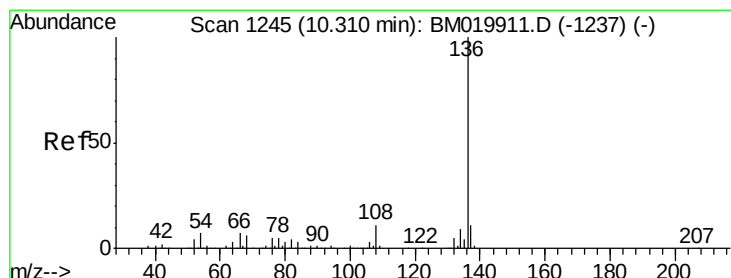
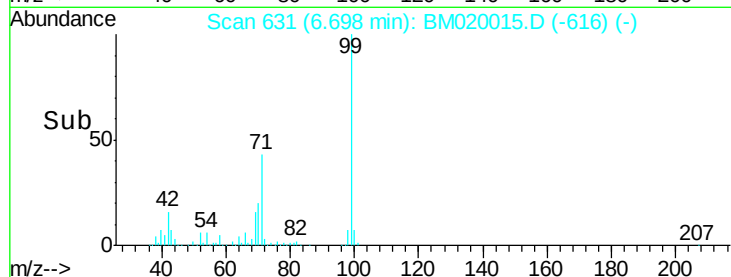
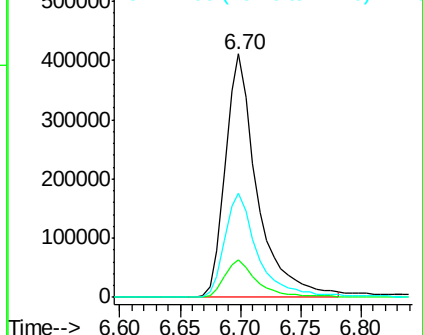
99 100

42 15.5 11.8 17.8

71 42.8 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM020015.D

Acq: 22 Apr 2019 20:42

Tgt Ion: 136 Resp: 344993

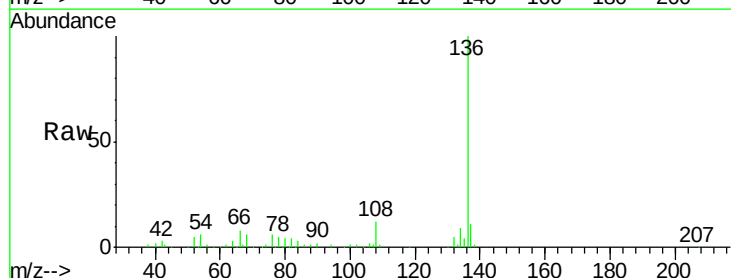
Ion Ratio Lower Upper

136 100

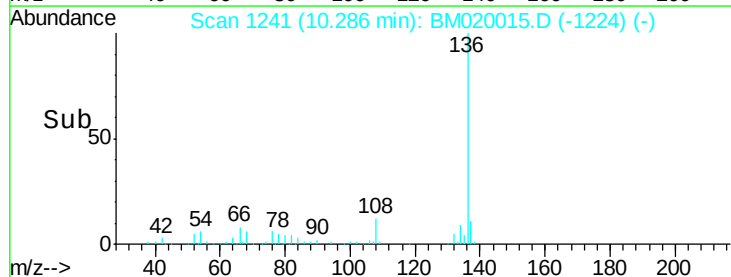
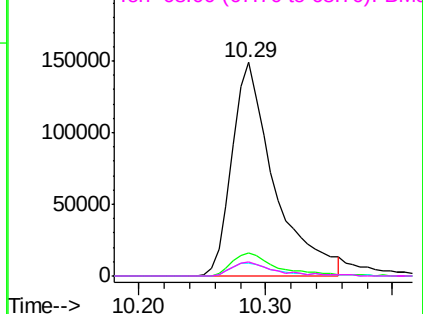
137 10.5 9.0 13.6

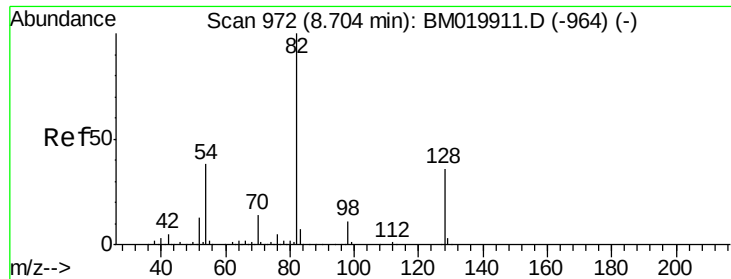
54 6.1 5.3 7.9

68 6.3 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

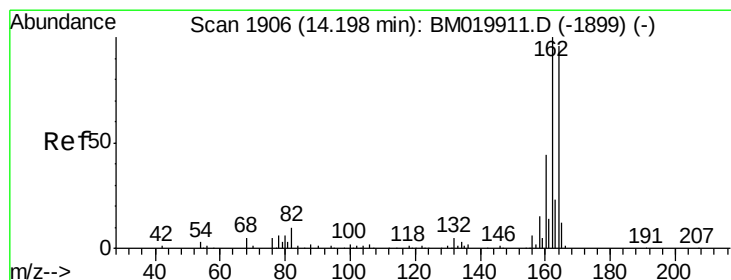
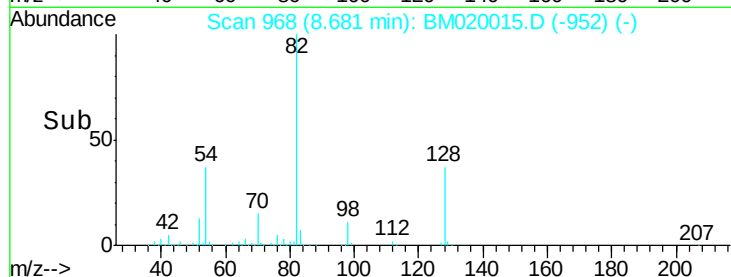
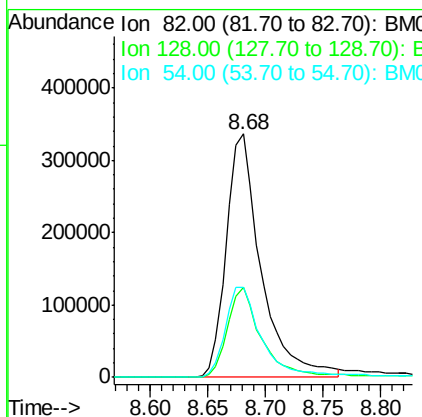
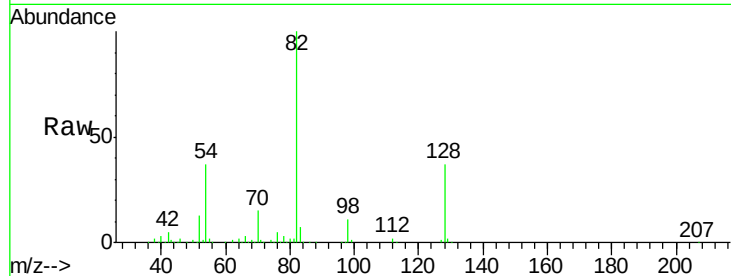




#23
 Nitrobenzene-d5
 Concen: 91.527 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM020015.D
 Acq: 22 Apr 2019 20:42

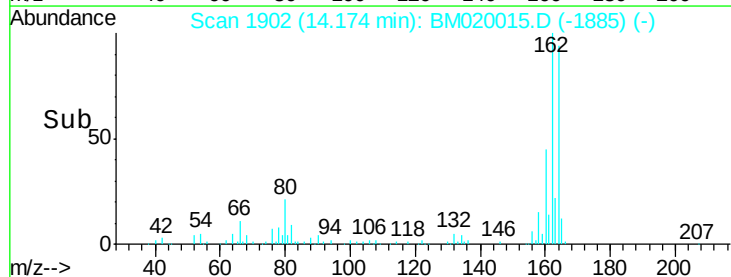
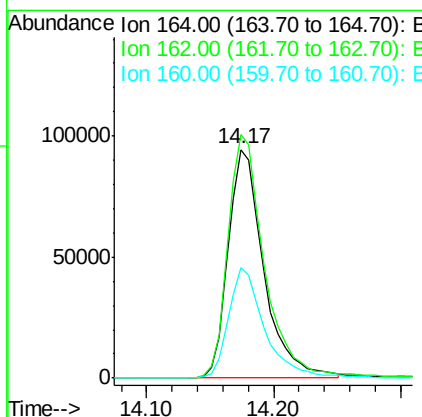
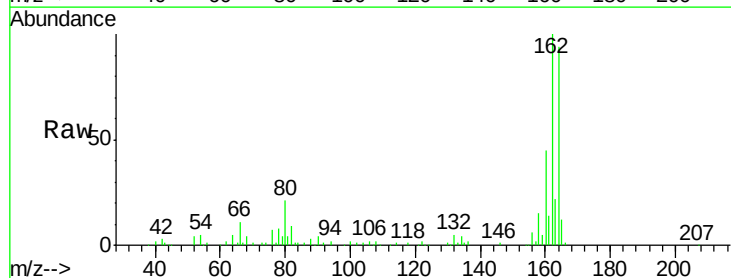
Instrument :
 BNA_M
 ClientSampleId :

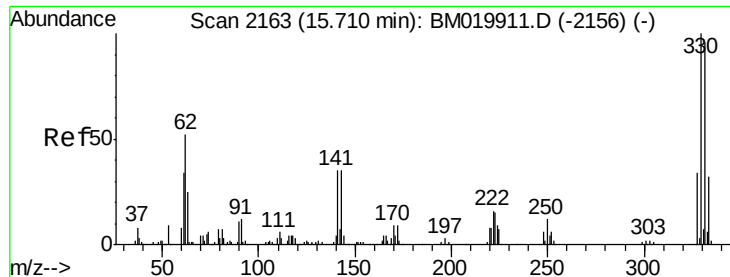
Tot Ion	82	Resp	706064
Ion Ratio	Lower	Upper	
82	100		
128	36.9	29.0	43.4
54	36.8	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BM020015.D
 Acq: 22 Apr 2019 20:42

Tgt Ion	164	Resp	183748
Ion Ratio	Lower	Upper	
164	100		
162	106.5	83.0	124.4
160	48.4	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 117.256 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BM020015.D

Acq: 22 Apr 2019 20:42

Instrument :

BNA_M

ClientSampleId :

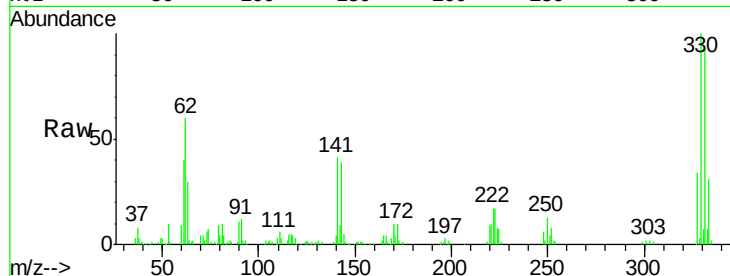
Tot Ion:330 Resp: 346824

Ion Ratio Lower Upper

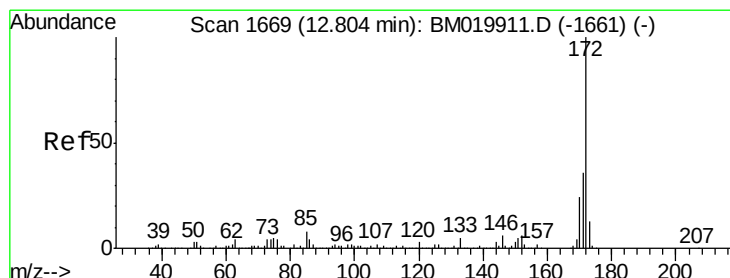
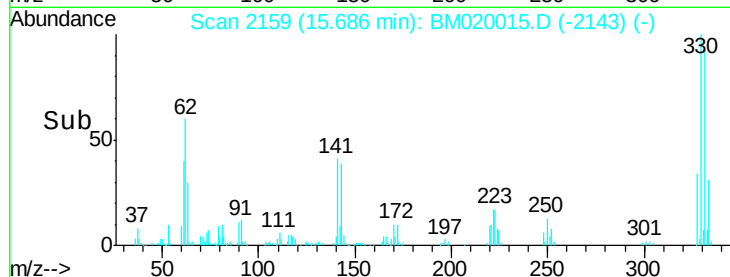
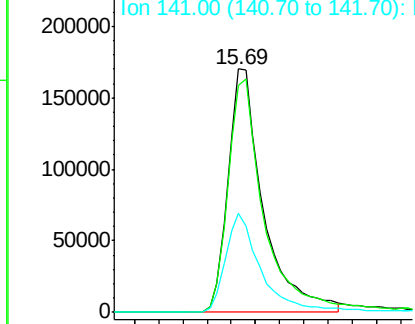
330 100

332 95.9 77.4 116.2

141 40.2 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: 93.117 ng

RT: 12.77 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BM020015.D

Acq: 22 Apr 2019 20:42

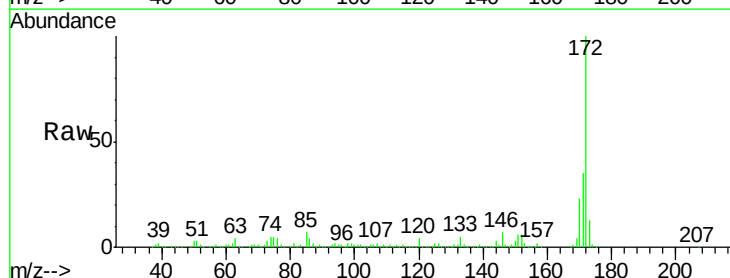
Tgt Ion:172 Resp: 1372941

Ion Ratio Lower Upper

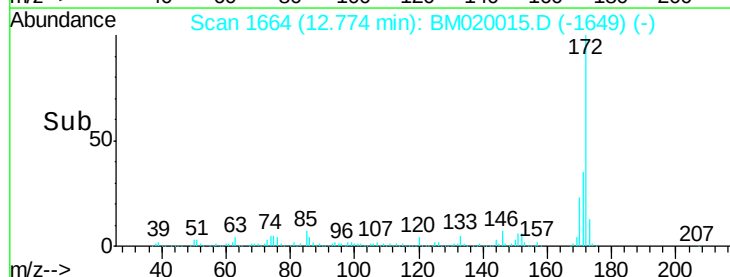
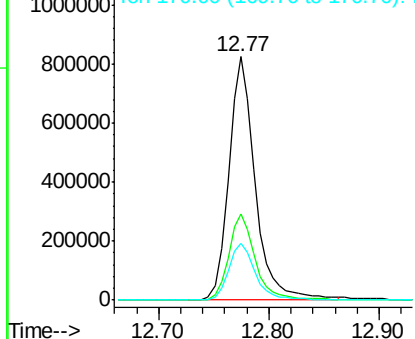
172 100

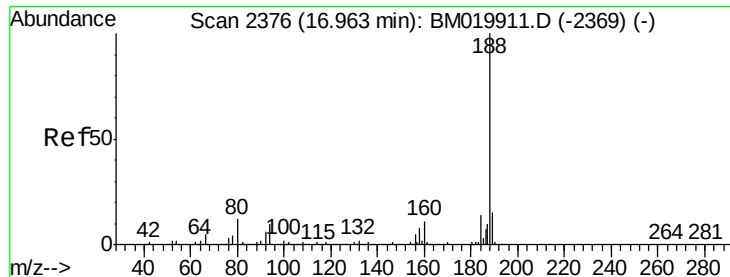
171 35.5 28.9 43.3

170 23.4 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: BM020015.D

Acq: 22 Apr 2019 20:42

Instrument :

BNA_M

ClientSampled :

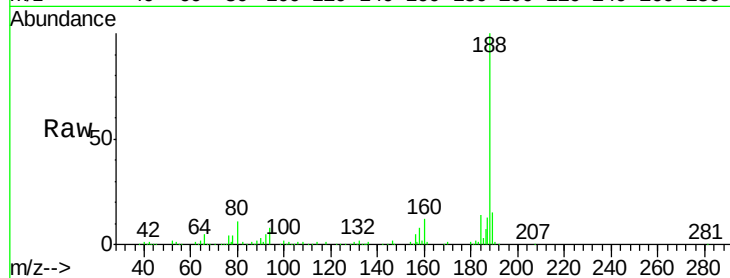
Tot Ion:188 Resp: 386243

Ion Ratio Lower Upper

188 100

94 8.1 7.6 11.4

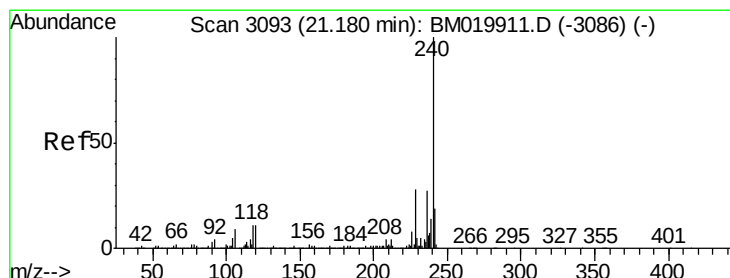
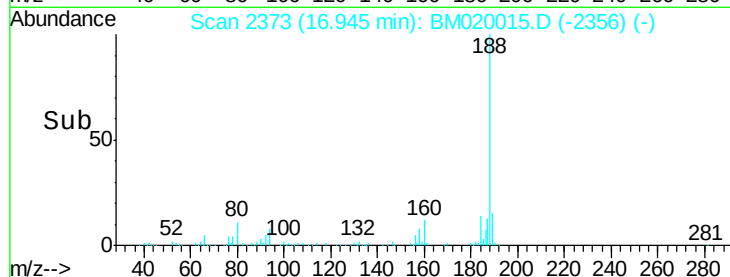
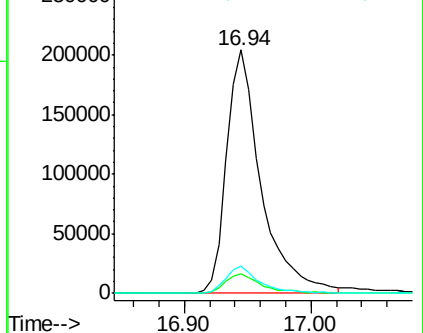
80 11.0 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM020015.D

Acq: 22 Apr 2019 20:42

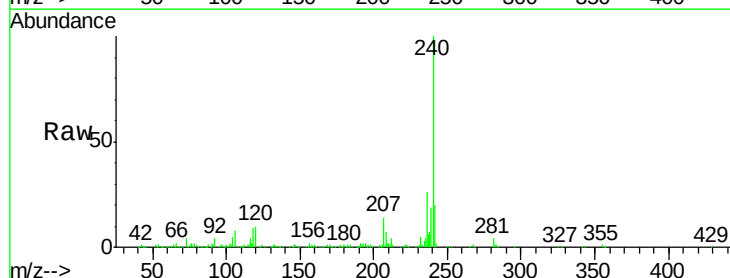
Tgt Ion:240 Resp: 364267

Ion Ratio Lower Upper

240 100

120 10.3 8.6 13.0

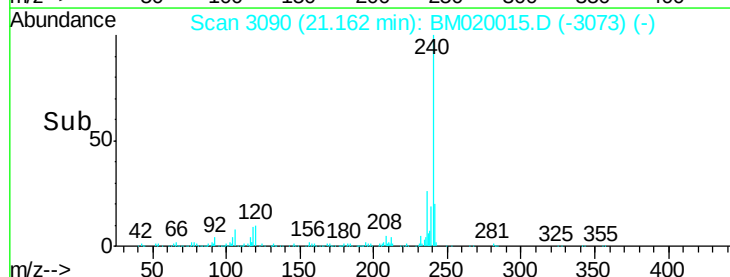
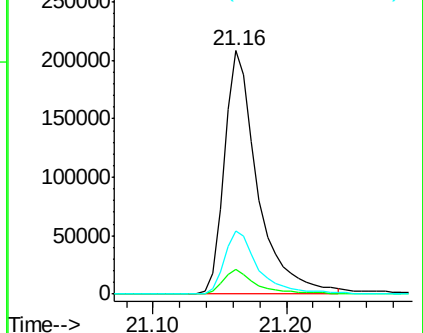
236 26.0 21.4 32.2

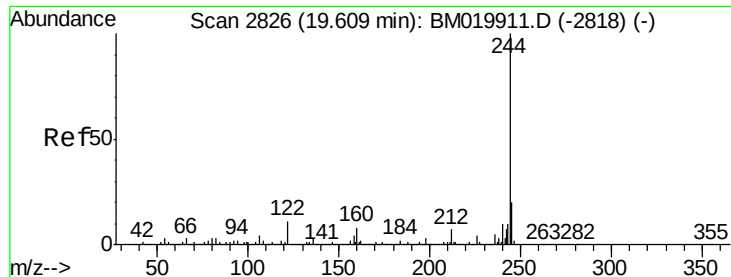


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

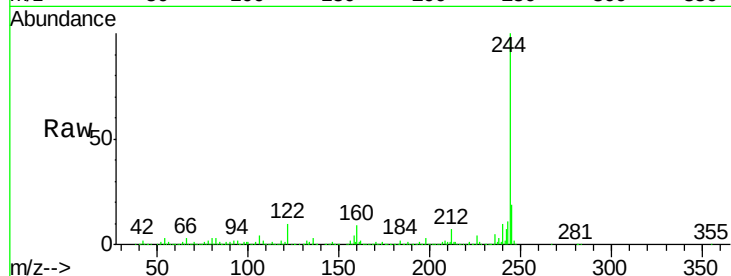




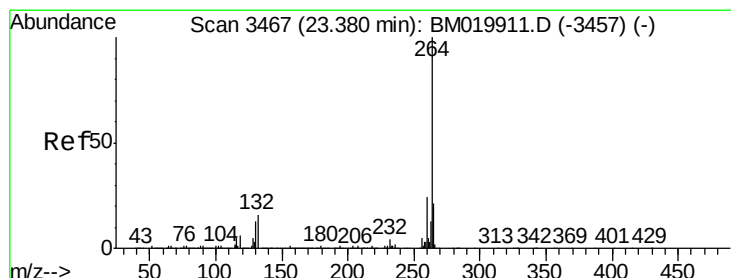
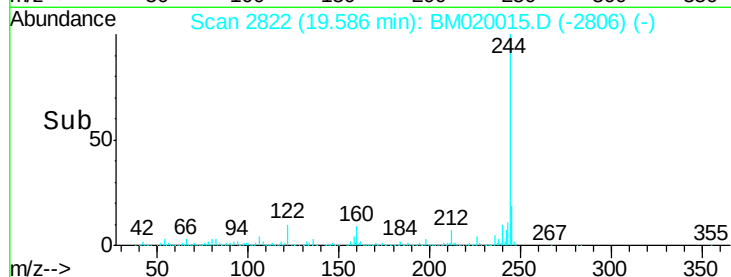
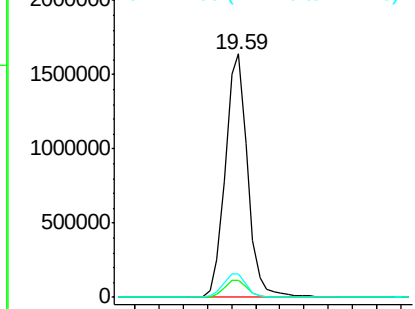
#79
 Terphenyl-d14
 Concen: 101.902 ng
 RT: 19.59 min Scan# 2822
 Delta R.T. -0.01 min
 Lab File: BM020015.D
 Acq: 22 Apr 2019 20:42

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 2104490
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.7 9.1 13.7

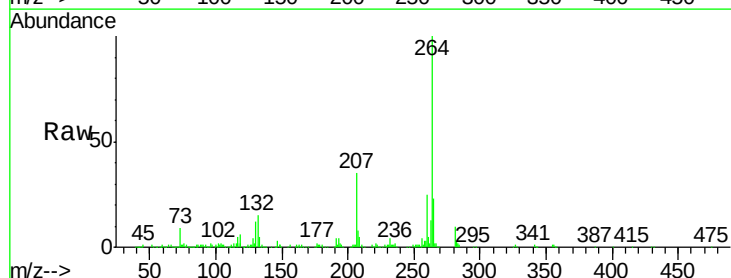


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.35 min Scan# 3462
 Delta R.T. -0.00 min
 Lab File: BM020015.D
 Acq: 22 Apr 2019 20:42

Tgt Ion:264 Resp: 445532
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 22.7 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

