

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020056.D
 Acq On : 24 Apr 2019 04:15
 Operator : JU/SJ
 Sample : PB119150TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 08:04:40 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

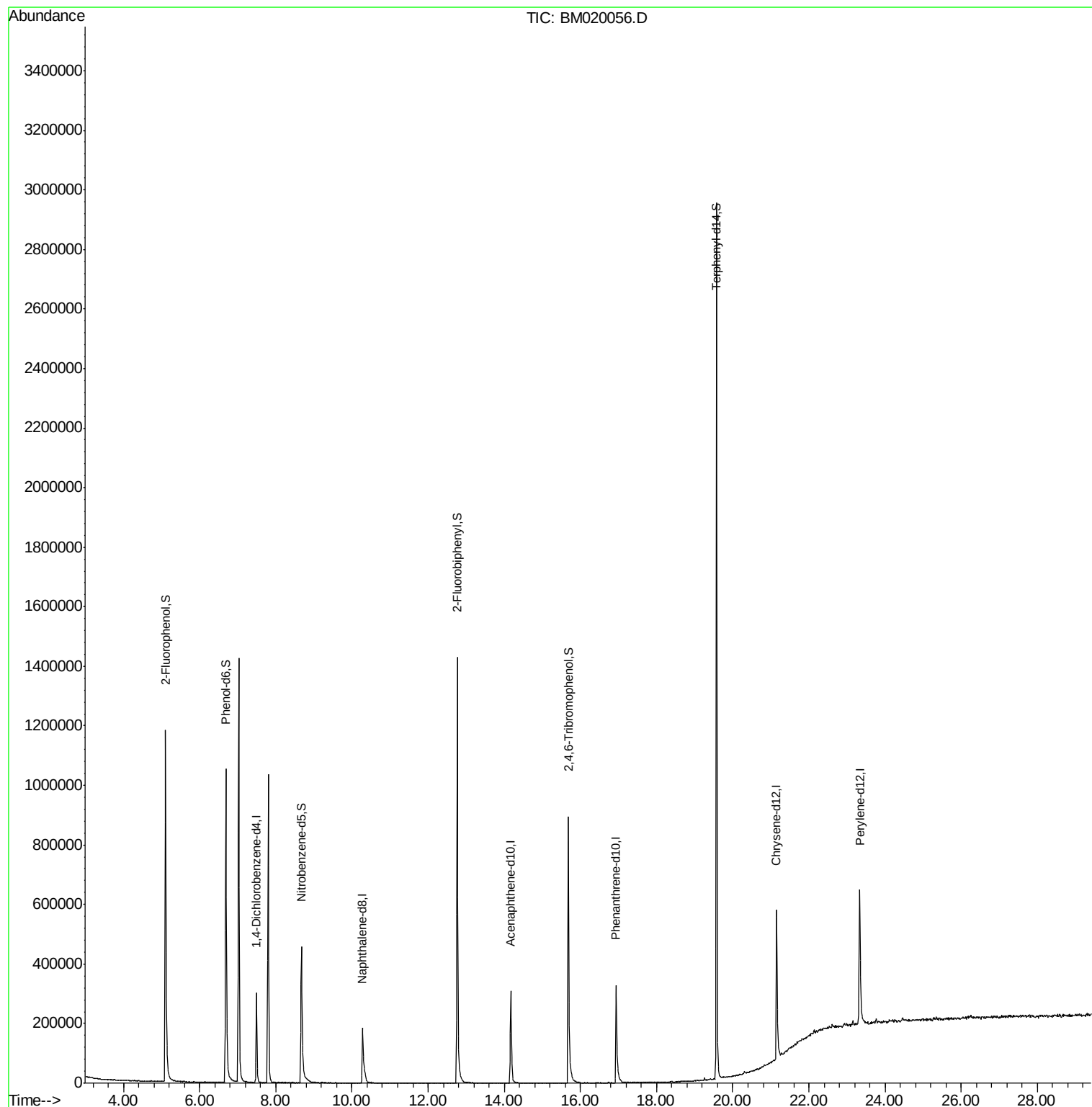
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	78534	20.00	ng	-0.02
21) Naphthalene-d8	10.28	136	234012	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	138059	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	284603	20.00	ng	0.00
76) Chrysene-d12	21.15	240	307154	20.00	ng	-0.01
87) Perylene-d12	23.33	264	395702	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	545824	112.64	ng	-0.02
7) Phenol-d6	6.69	99	686076	94.07	ng	-0.02
23) Nitrobenzene-d5	8.67	82	414078	79.13	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	214360	96.46	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	870584	78.59	ng	-0.02
79) Terphenyl-d14	19.57	244	1386708	79.63	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.69	77	1542	Below Cal	Qvalue #	7

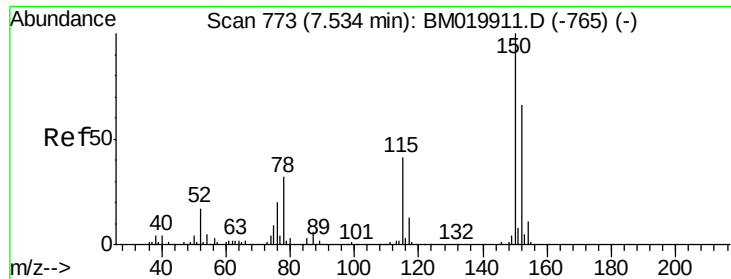
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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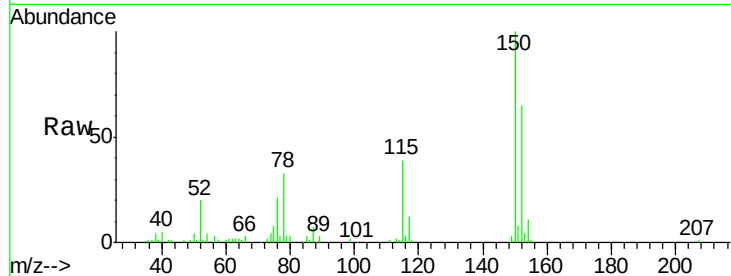


#1

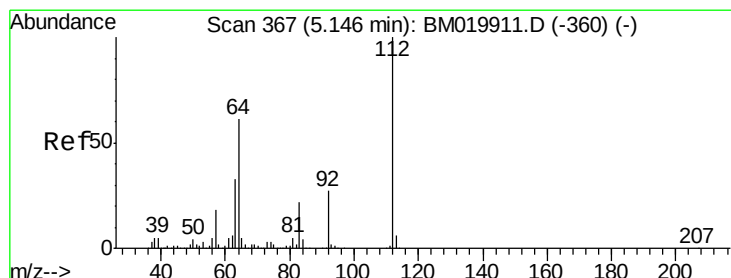
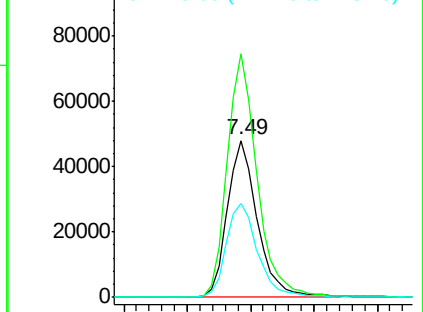
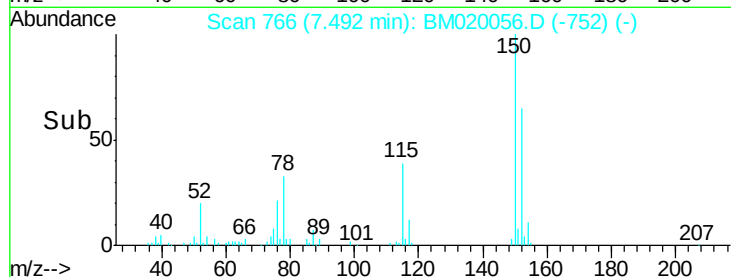
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020056.D
Acq: 24 Apr 2019 04:15

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 78534
Ion Ratio Lower Upper
152 100
150 154.9 122.1 183.1
115 60.1 50.0 75.0



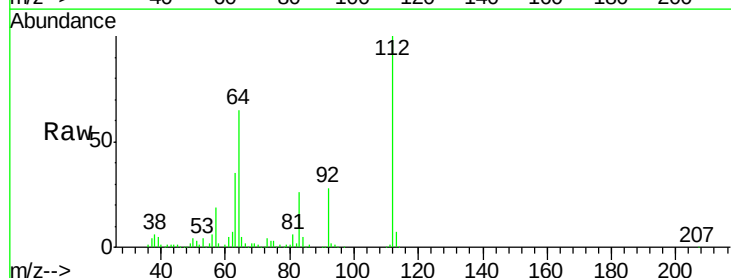
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



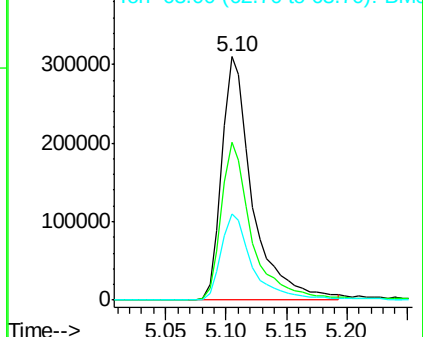
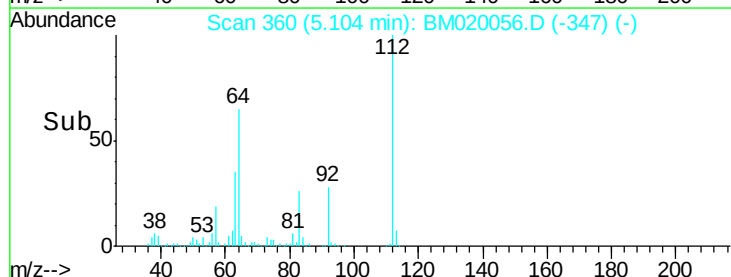
#5

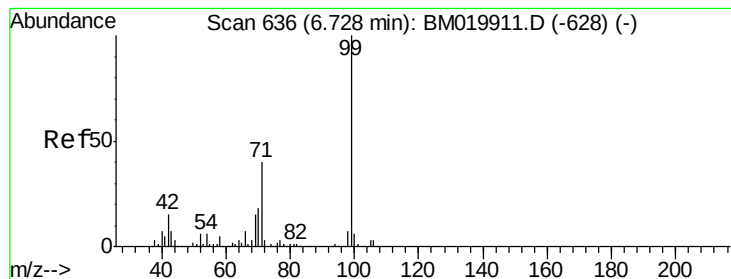
2-Fluorophenol
Concen: 112.638 ng
RT: 5.10 min Scan# 360
Delta R.T. -0.02 min
Lab File: BM020056.D
Acq: 24 Apr 2019 04:15

Tgt Ion:112 Resp: 545824
Ion Ratio Lower Upper
112 100
64 64.6 49.1 73.7
63 35.2 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: 94.074 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020056.D

Acq: 24 Apr 2019 04:15

Instrument :

BNA_M

ClientSampled :

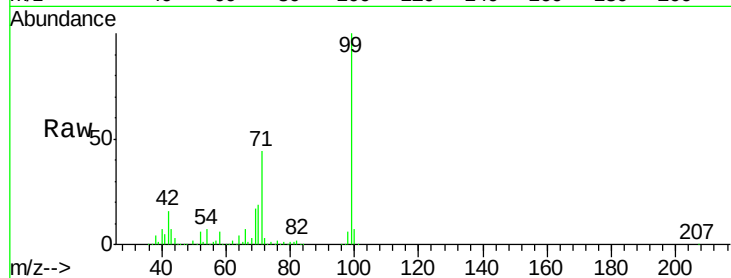
Tot Ion: 99 Resp: 686076

Ion Ratio Lower Upper

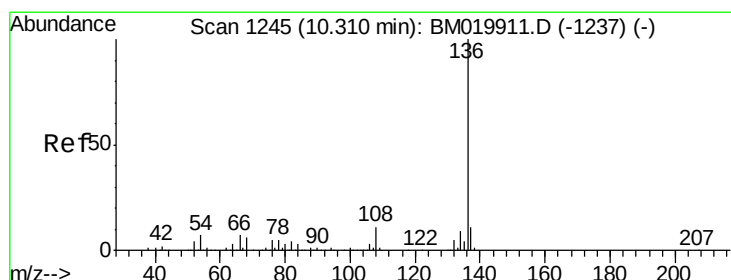
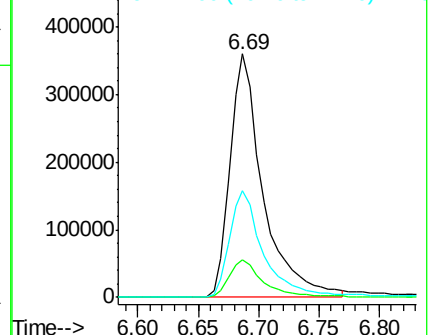
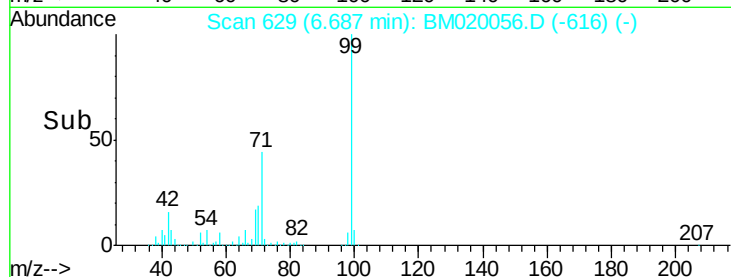
99 100

42 15.6 11.8 17.8

71 43.9 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM020056.D (-616) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.28 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BM020056.D

Acq: 24 Apr 2019 04:15

Tgt Ion: 136 Resp: 234012

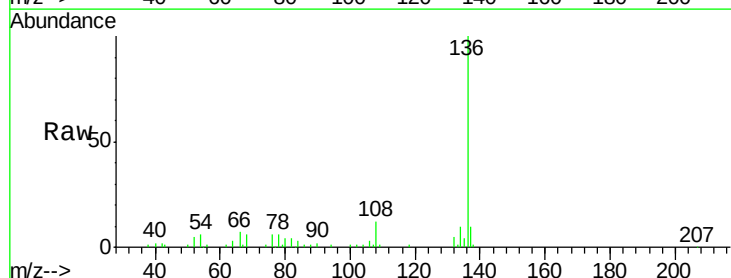
Ion Ratio Lower Upper

136 100

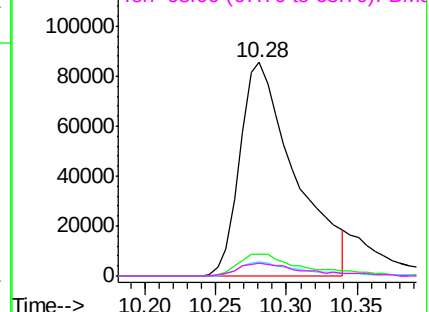
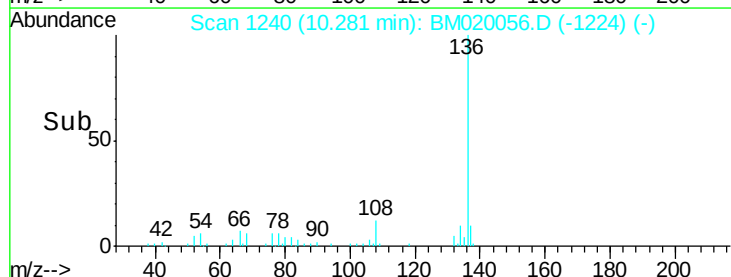
137 10.5 9.0 13.6

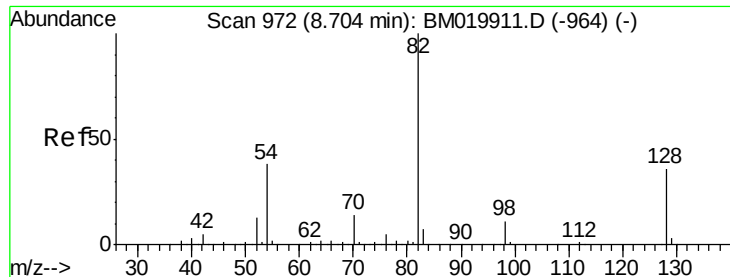
54 6.5 5.3 7.9

68 5.8 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): BM020056.D (-1224) (-)

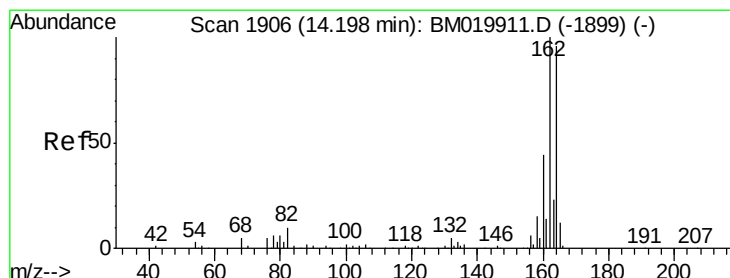
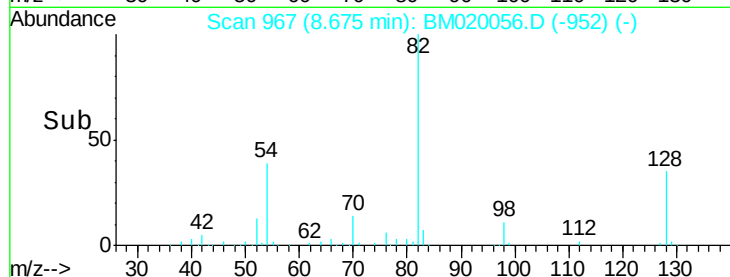
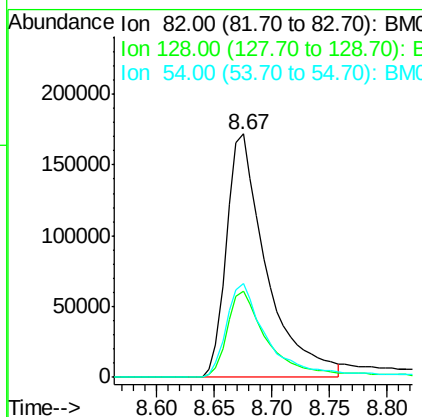
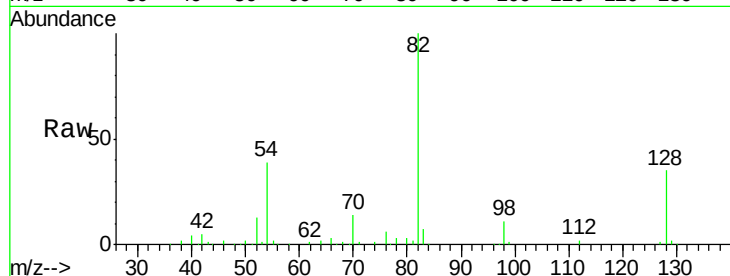




#23
 Nitrobenzene-d5
 Concen: 79.133 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM020056.D
 Acq: 24 Apr 2019 04:15

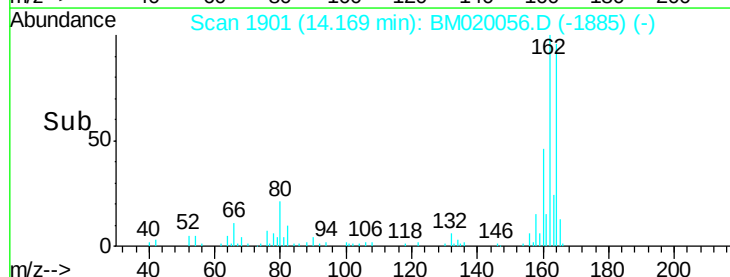
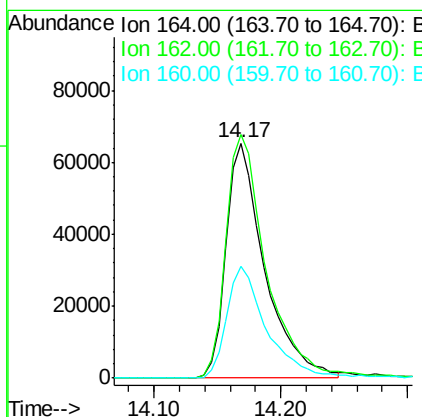
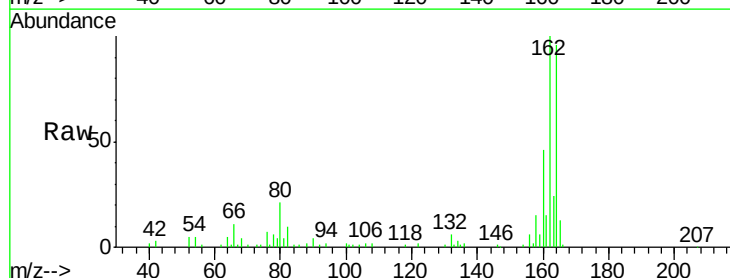
Instrument :
 BNA_M
 ClientSampleId :

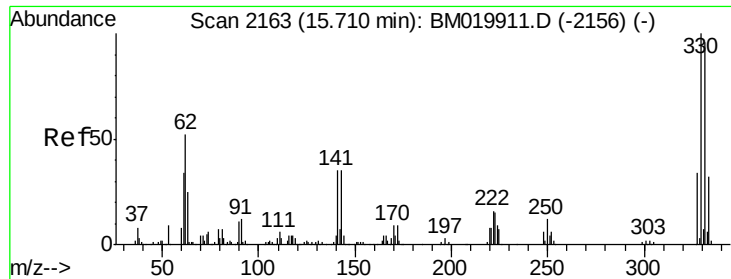
Tot Ion: 82 Resp: 414078
 Ion Ratio Lower Upper
 82 100
 128 35.3 29.0 43.4
 54 38.6 30.2 45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BM020056.D
 Acq: 24 Apr 2019 04:15

Tgt Ion:164 Resp: 138059
 Ion Ratio Lower Upper
 164 100
 162 103.6 83.0 124.4
 160 47.4 36.6 55.0

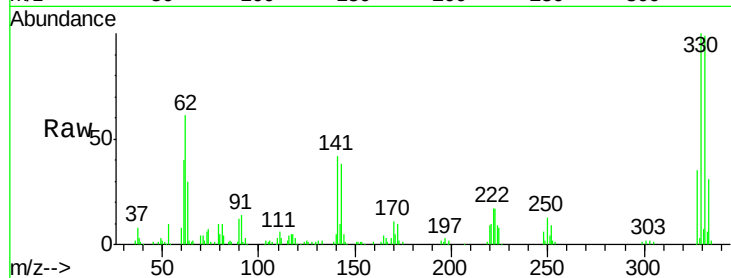




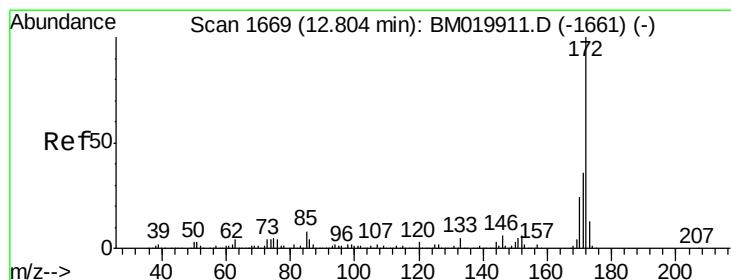
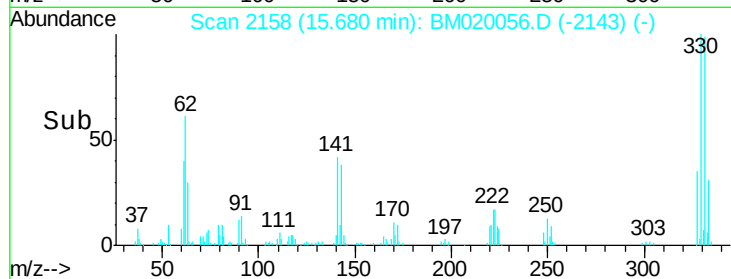
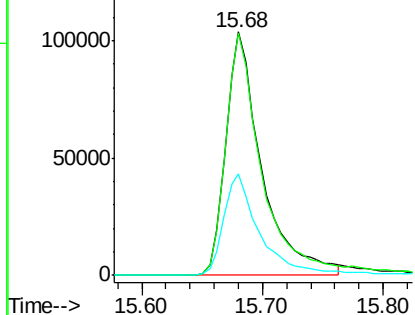
#42
 2,4,6-Tribromophenol
 Concen: 96.456 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM020056.D
 Acq: 24 Apr 2019 04:15

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.4	116.2
141	41.1	29.0	43.4

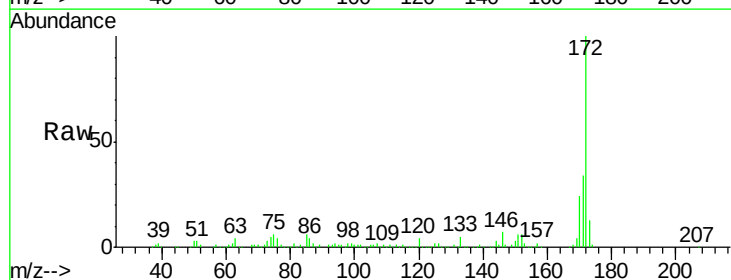


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

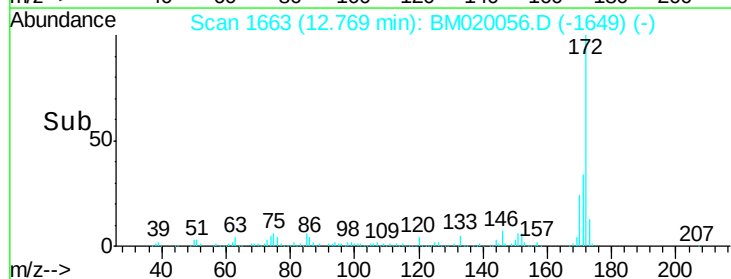
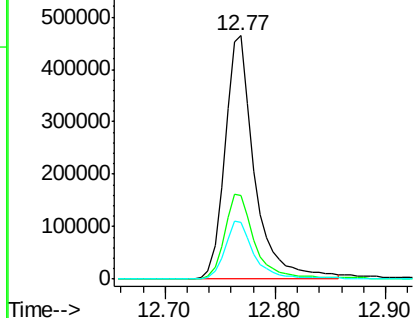


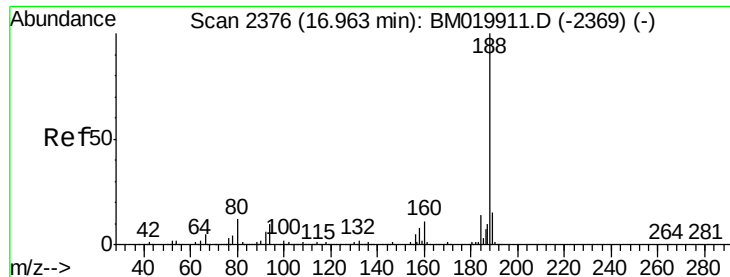
#45
 2-Fluorobiphenyl
 Concen: 78.586 ng
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BM020056.D
 Acq: 24 Apr 2019 04:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.9	43.3
170	23.6	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

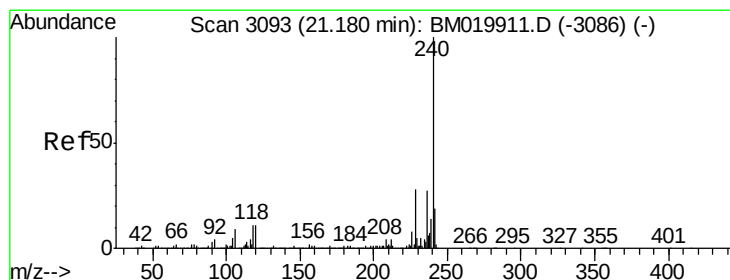
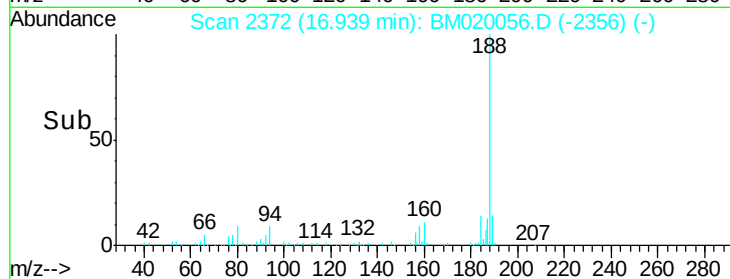
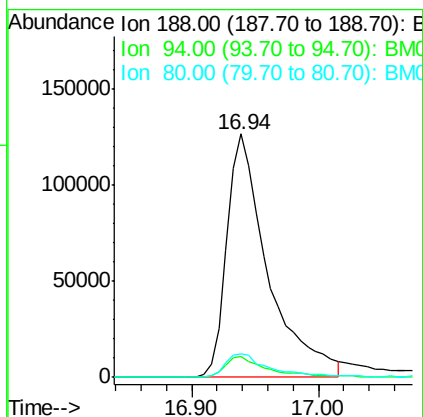
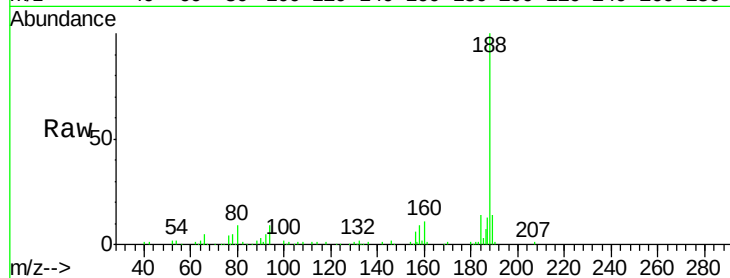




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM020056.D
Acq: 24 Apr 2019 04:15

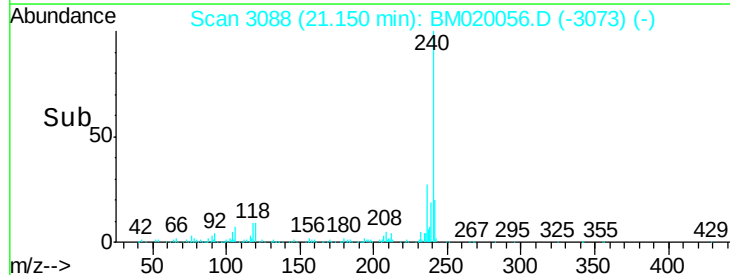
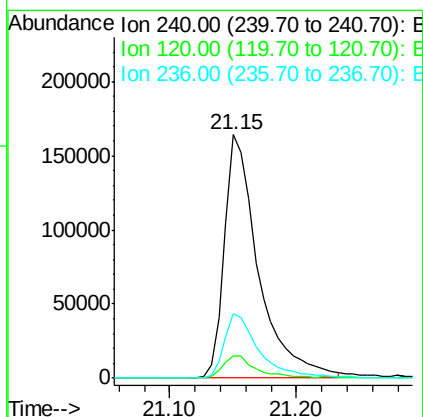
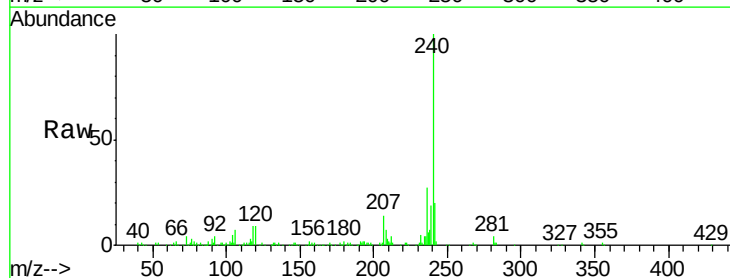
Instrument :
BNA_M
ClientSampleId :

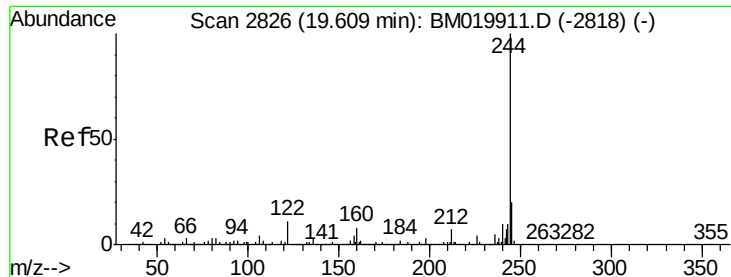
Tot Ion:188 Resp: 284603
Ion Ratio Lower Upper
188 100
94 8.6 7.6 11.4
80 9.4 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM020056.D
Acq: 24 Apr 2019 04:15

Tgt Ion:240 Resp: 307154
Ion Ratio Lower Upper
240 100
120 9.2 8.6 13.0
236 26.6 21.4 32.2

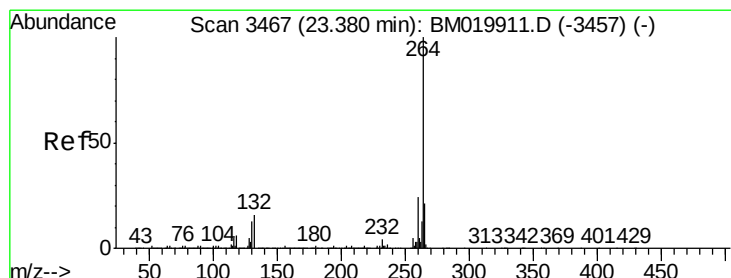
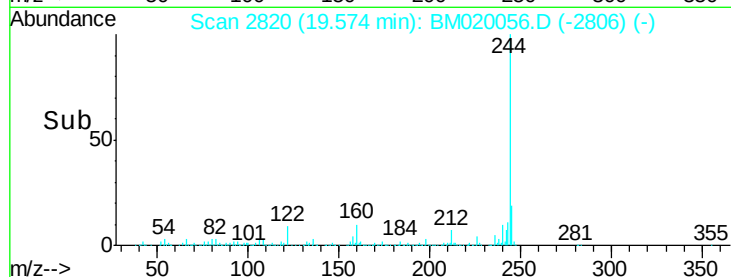
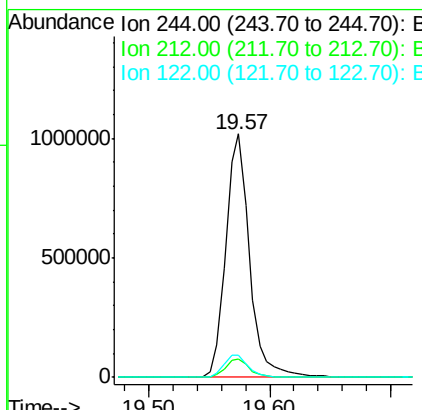
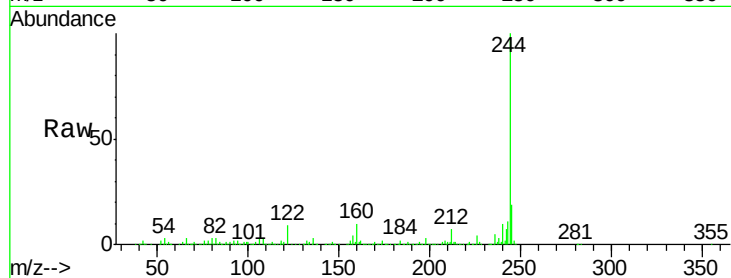




#79
 Terphenyl-d14
 Concen: 79.631 ng
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.02 min
 Lab File: BM020056.D
 Acq: 24 Apr 2019 04:15

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 1386708
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 8.9 9.1 13.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.33 min Scan# 3459
 Delta R.T. -0.02 min
 Lab File: BM020056.D
 Acq: 24 Apr 2019 04:15

Tgt Ion:264 Resp: 395702
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.4 17.2 25.8

