

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042219\
 Data File : BM020028.D
 Acq On : 23 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2472-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 23 06:58:48 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

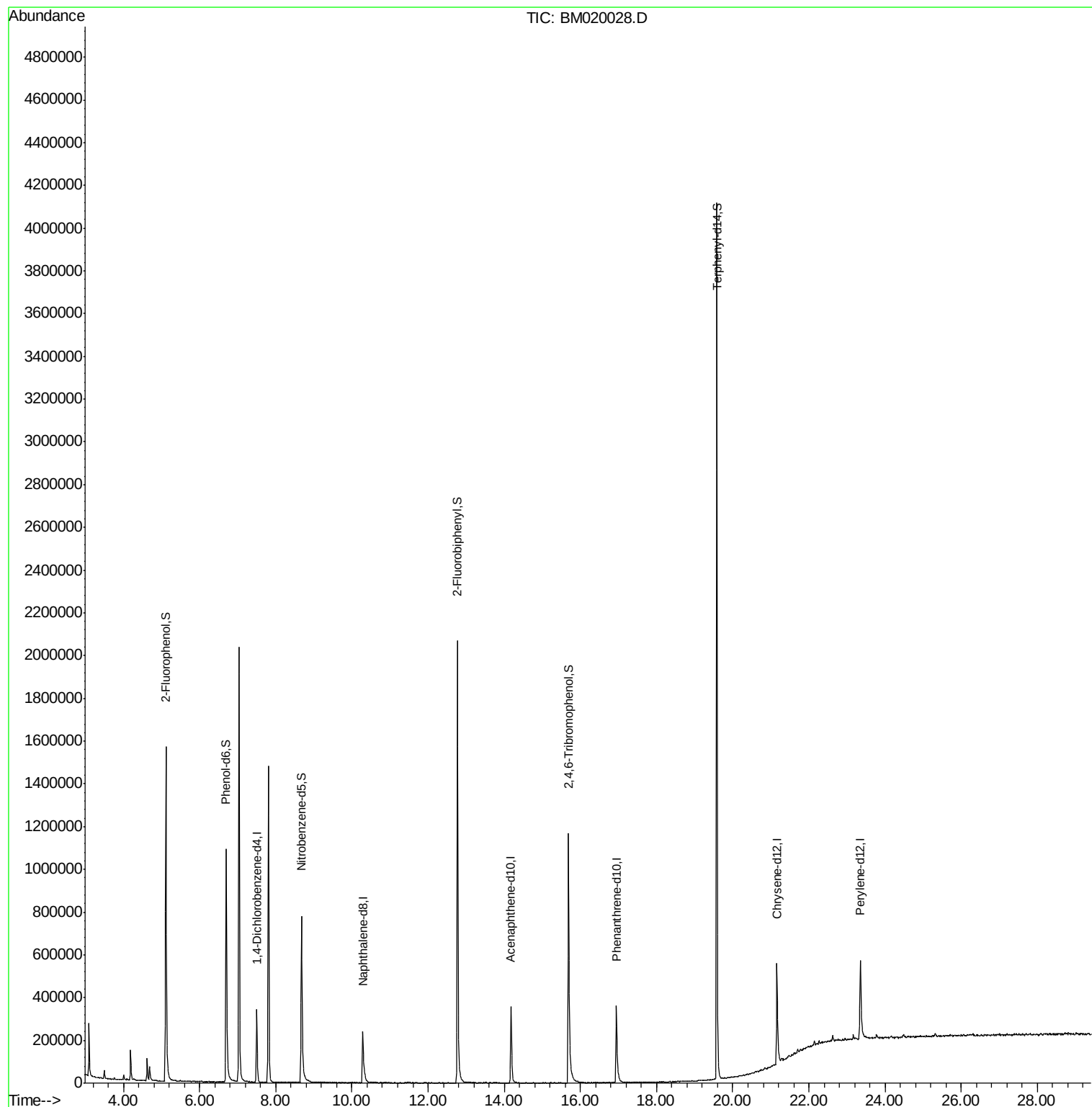
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	87257	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	273965	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	154210	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	305874	20.00	ng	0.00
76) Chrysene-d12	21.16	240	286668	20.00	ng	0.00
87) Perylene-d12	23.35	264	353374	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	676797	125.70	ng	-0.01
7) Phenol-d6	6.70	99	712061	87.88	ng	-0.01
23) Nitrobenzene-d5	8.67	82	639244	104.35	ng	-0.01
42) 2,4,6-Tribromophenol	15.69	330	290241	116.92	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1224918	98.99	ng	-0.01
79) Terphenyl-d14	19.58	244	1808401	111.27	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.70	77	2231	Below Cal	Qvalue #	7

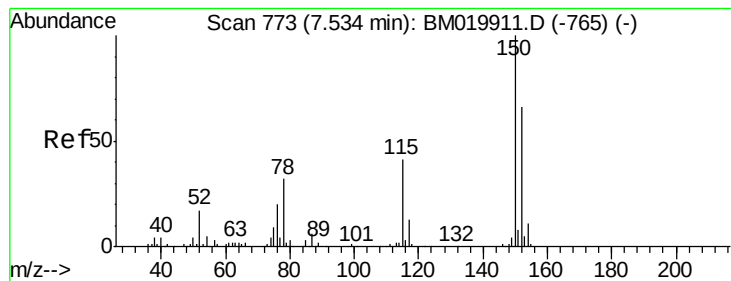
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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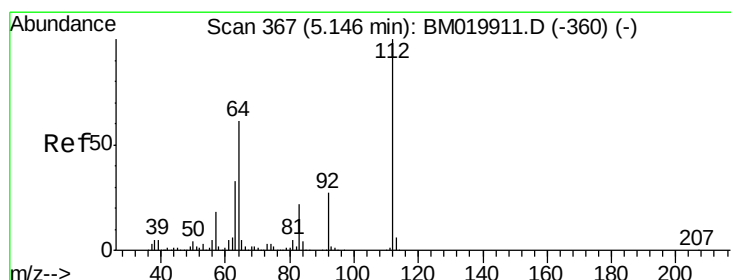
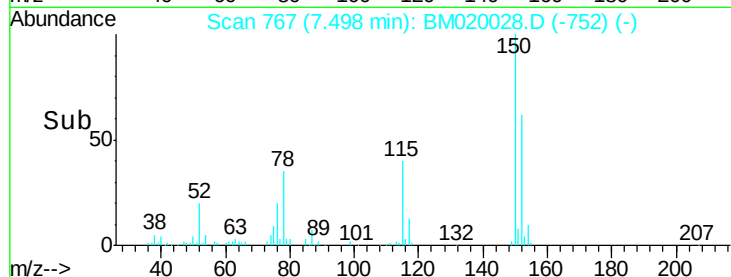
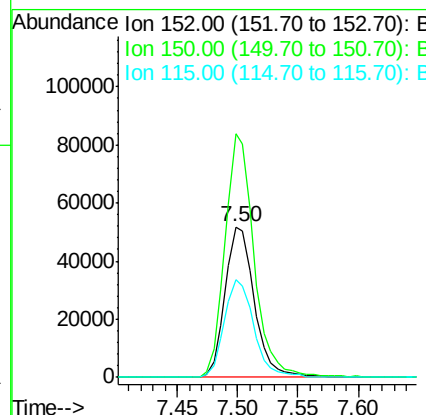
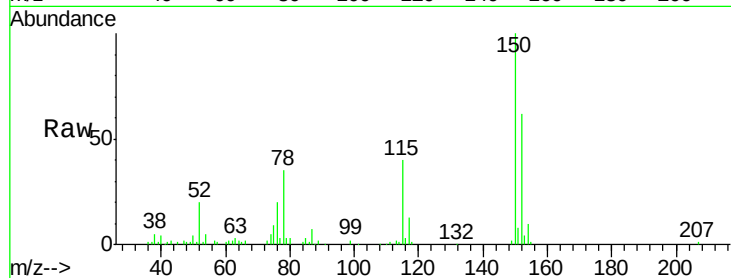


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM020028.D
Acq: 23 Apr 2019 05:42

Instrument :
BNA_M
ClientSampleId :

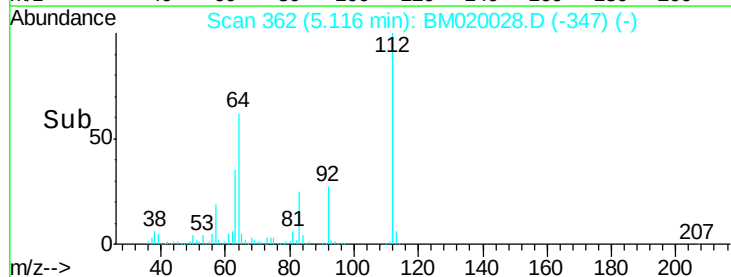
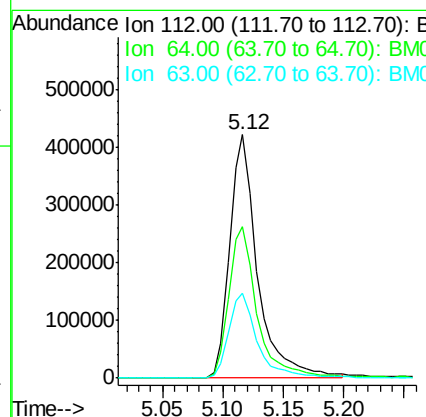
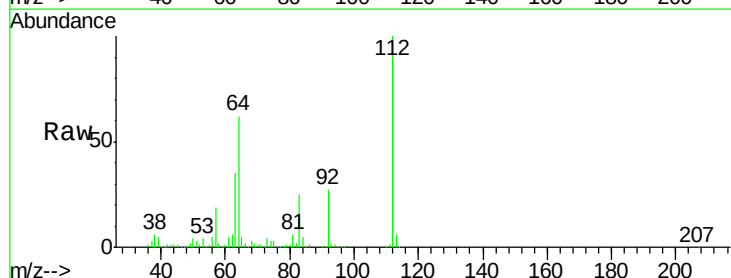
Tot Ion	152	Resp	87257
Ion Ratio	Lower	Upper	
152	100		
150	161.5	122.1	183.1
115	65.2	50.0	75.0

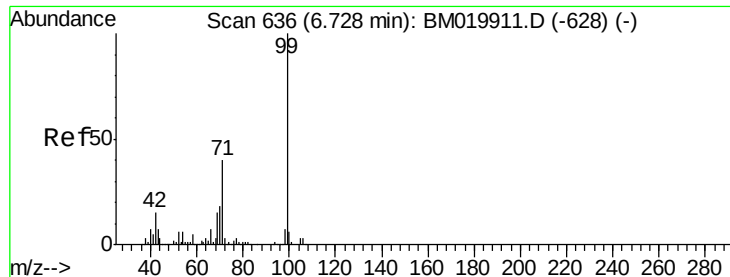


#5

2-Fluorophenol
Concen: 125.703 ng
RT: 5.12 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM020028.D
Acq: 23 Apr 2019 05:42

Tgt Ion	112	Resp	676797
Ion Ratio	Lower	Upper	
112	100		
64	62.1	49.1	73.7
63	35.1	26.5	39.7





#7

Phenol-d6

Concen: 87.877 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020028.D

Acq: 23 Apr 2019 05:42

Instrument :

BNA_M

ClientSampled :

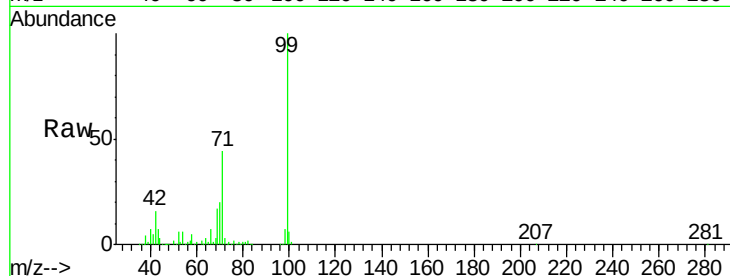
Tot Ion: 99 Resp: 712061

Ion Ratio Lower Upper

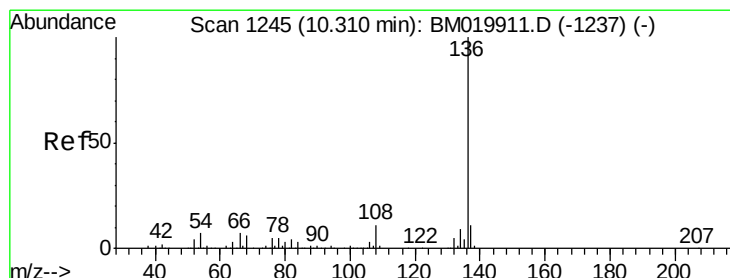
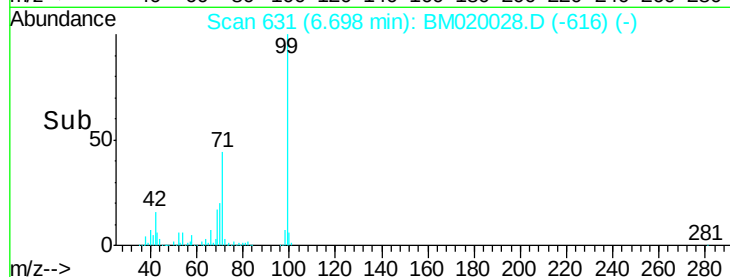
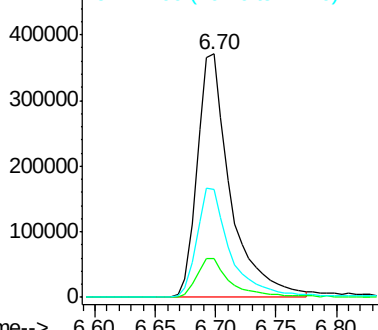
99 100

42 16.1 11.8 17.8

71 44.2 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: BM020028.D

Acq: 23 Apr 2019 05:42

Tgt Ion: 136 Resp: 273965

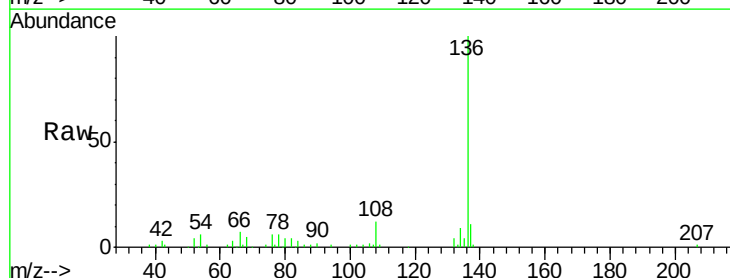
Ion Ratio Lower Upper

136 100

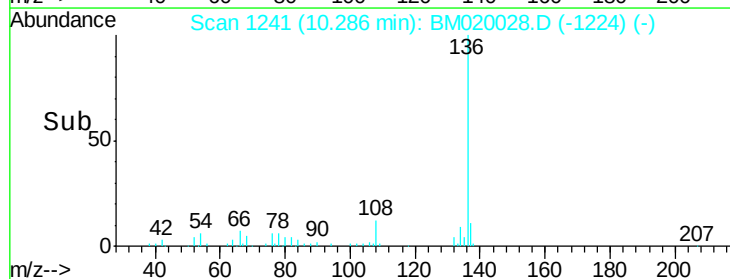
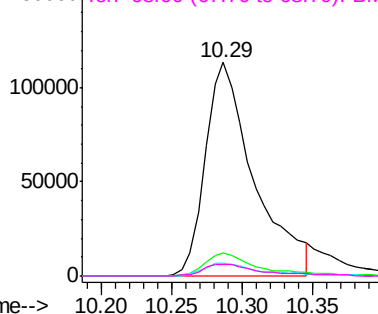
137 11.0 9.0 13.6

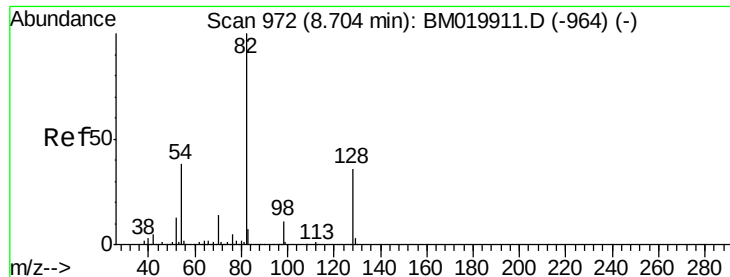
54 6.1 5.3 7.9

68 5.3 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

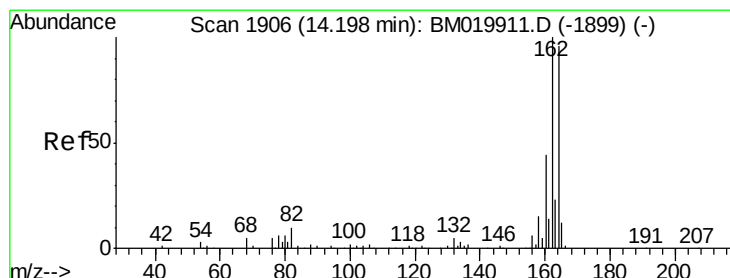
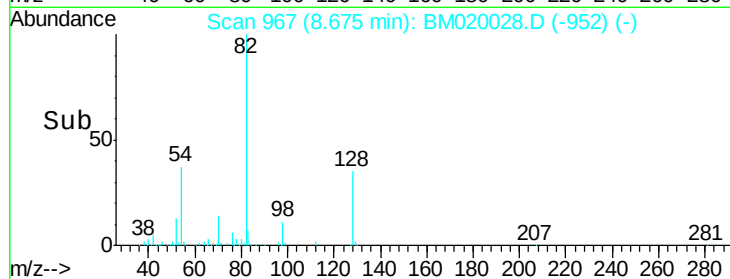
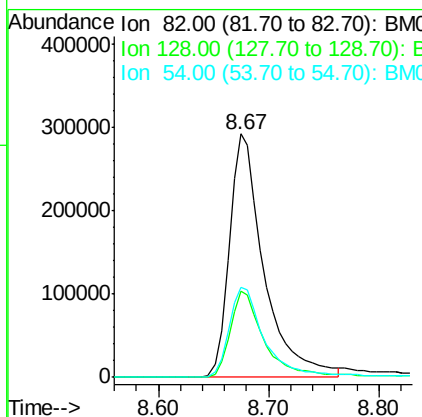
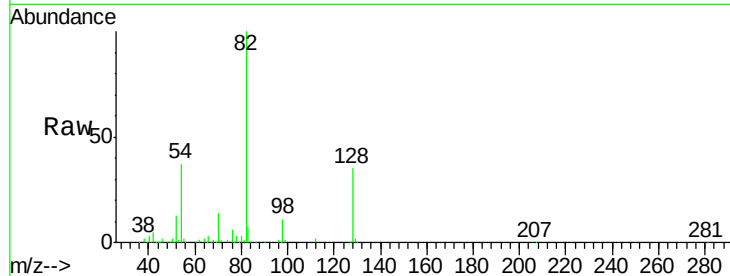




#23
 Nitrobenzene-d5
 Concen: 104.348 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM020028.D
 Acq: 23 Apr 2019 05:42

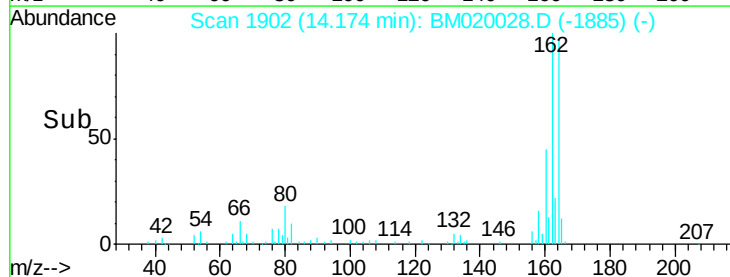
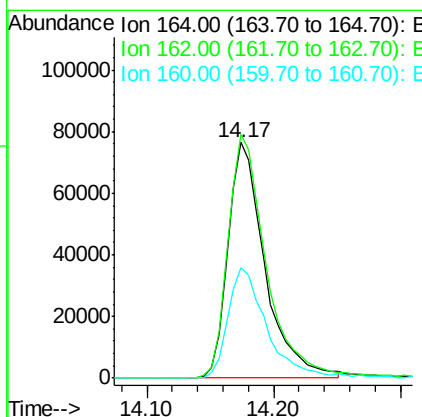
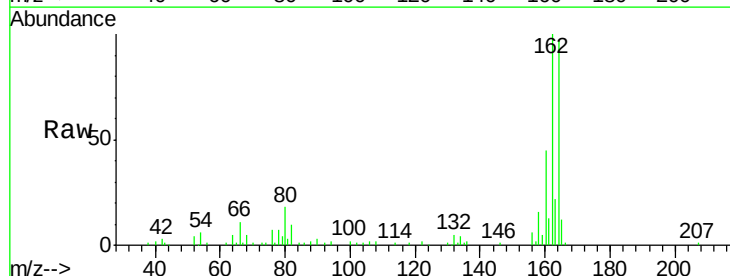
Instrument :
 BNA_M
 ClientSampleId :

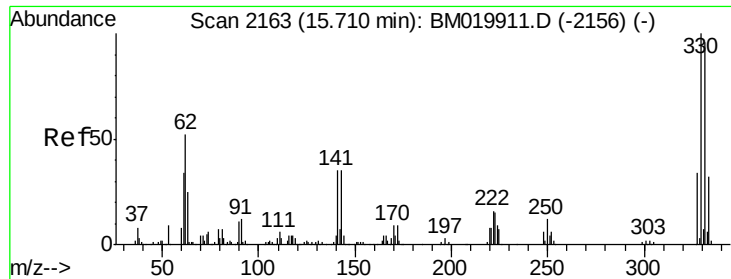
Tot Ion	82	Resp	639244
Ion Ratio	Lower	Upper	
82	100		
128	35.4	29.0	43.4
54	37.1	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BM020028.D
 Acq: 23 Apr 2019 05:42

Tgt Ion	164	Resp	154210
Ion Ratio	Lower	Upper	
164	100		
162	103.4	83.0	124.4
160	46.9	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 116.922 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BM020028.D

Acq: 23 Apr 2019 05:42

Instrument :

BNA_M

ClientSampleId :

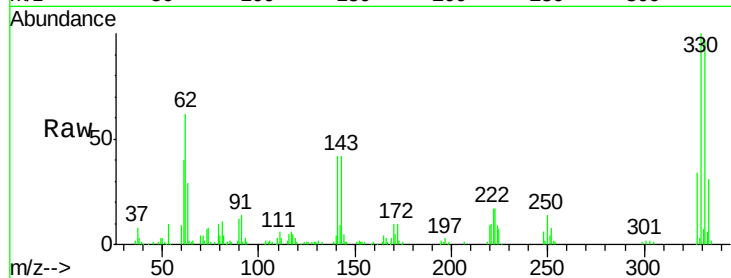
Tot Ion:330 Resp: 290241

Ion Ratio Lower Upper

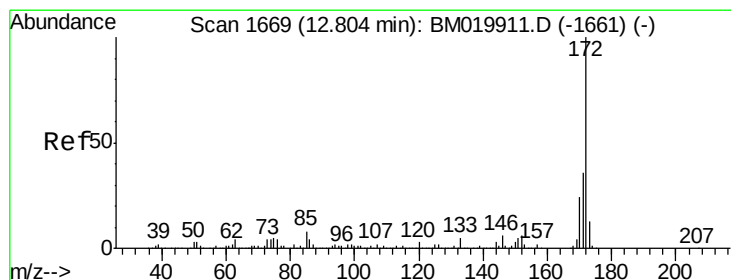
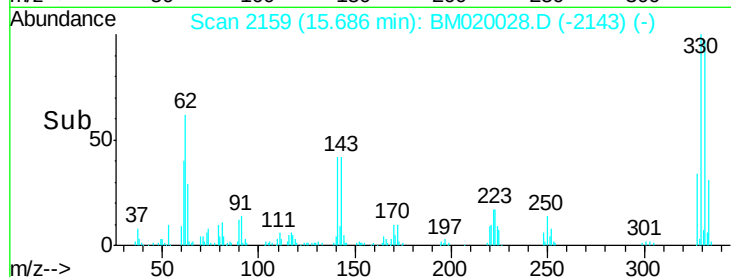
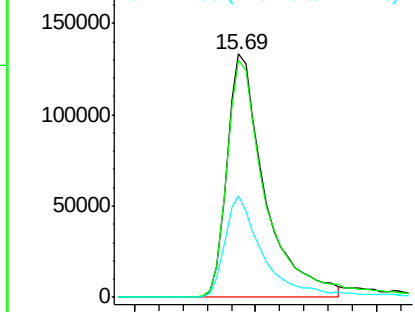
330 100

332 98.3 77.4 116.2

141 40.8 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: 98.990 ng

RT: 12.77 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BM020028.D

Acq: 23 Apr 2019 05:42

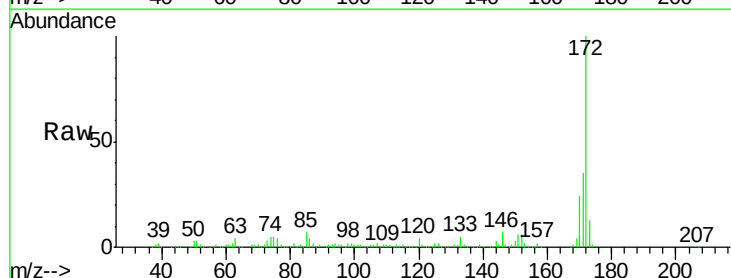
Tgt Ion:172 Resp: 1224918

Ion Ratio Lower Upper

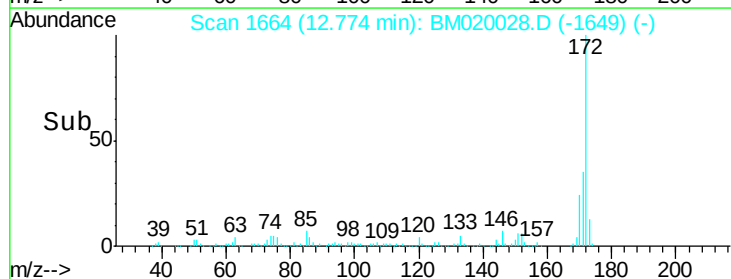
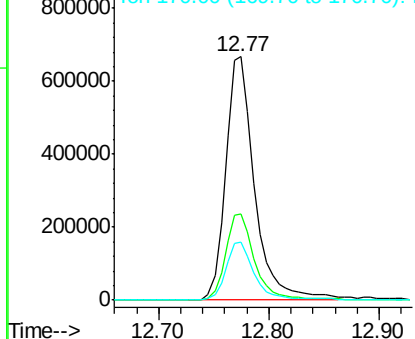
172 100

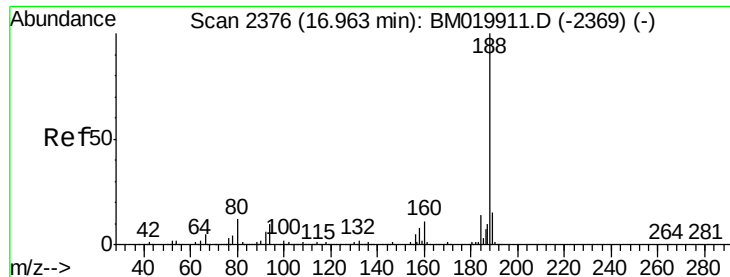
171 35.4 28.9 43.3

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. -0.00 min

Lab File: BM020028.D

Acq: 23 Apr 2019 05:42

Instrument :

BNA_M

ClientSampleId :

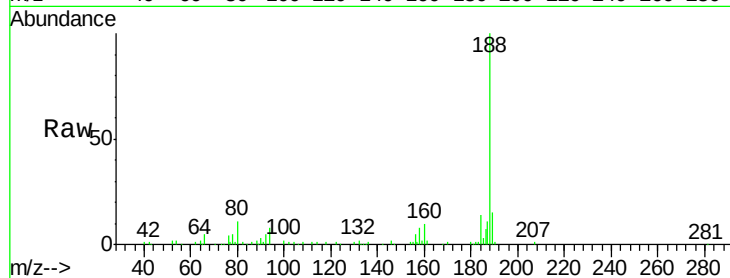
Tot Ion:188 Resp: 305874

Ion Ratio Lower Upper

188 100

94 7.9 7.6 11.4

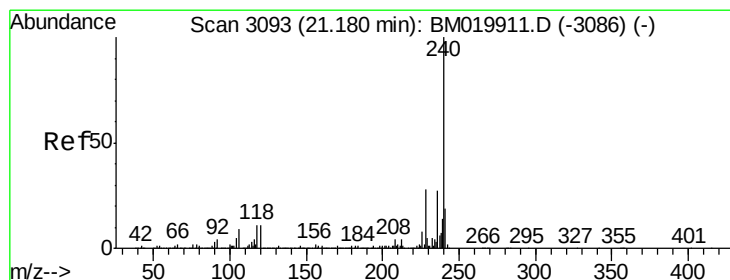
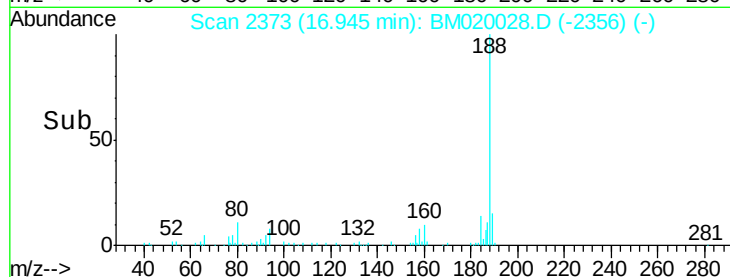
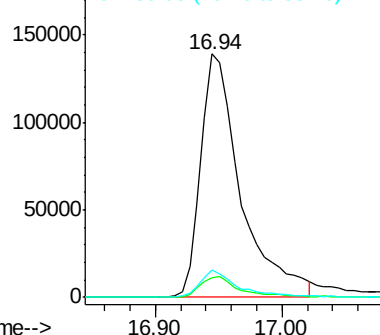
80 11.4 9.4 14.0



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: BM020028.D

Acq: 23 Apr 2019 05:42

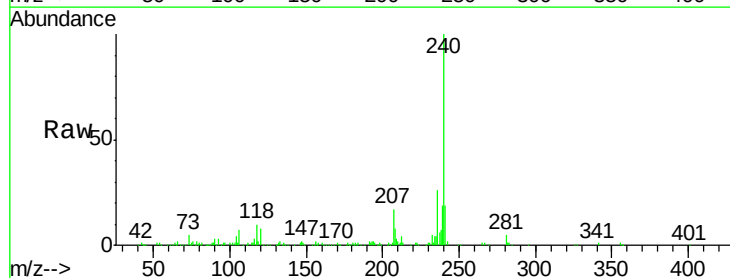
Tgt Ion:240 Resp: 286668

Ion Ratio Lower Upper

240 100

120 8.4 8.6 13.0#

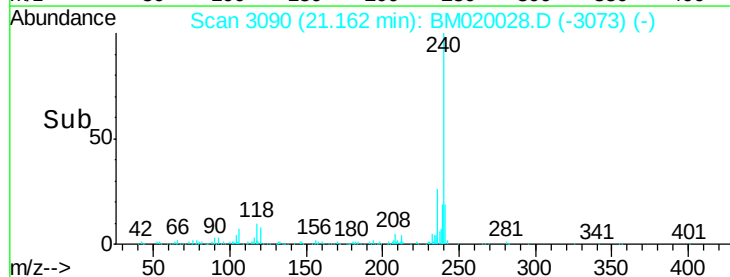
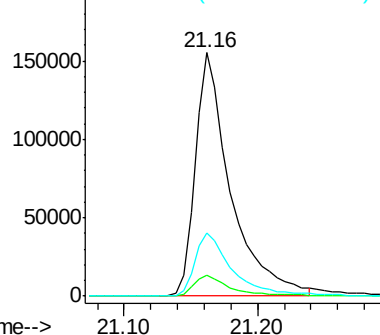
236 26.2 21.4 32.2

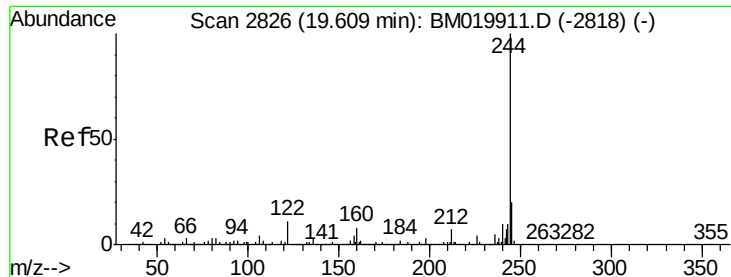


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

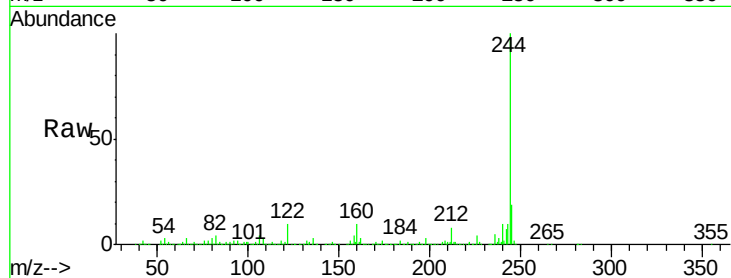




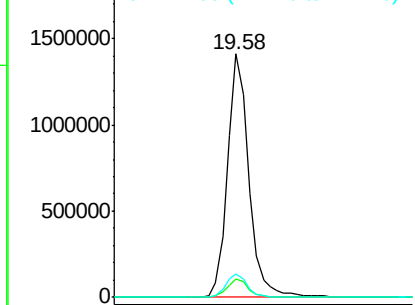
#79
 Terphenyl-d14
 Concen: 111.268 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM020028.D
 Acq: 23 Apr 2019 05:42

Instrument :
 BNA_M
 ClientSampleId :

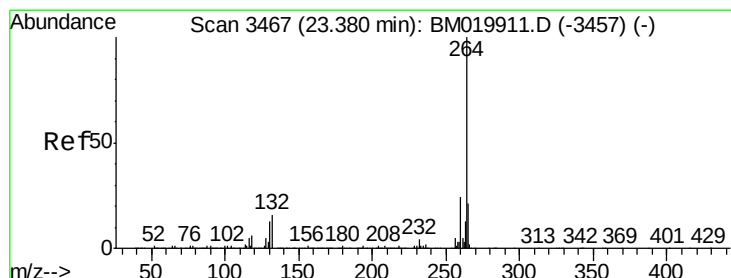
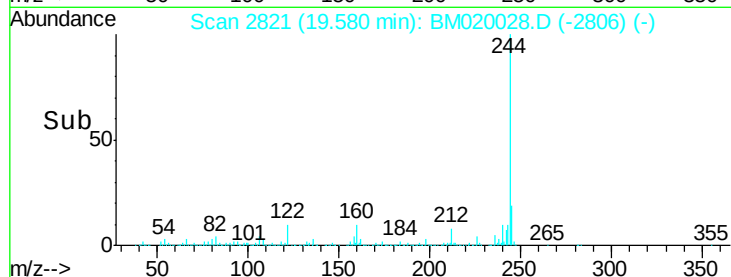
Tot Ion:244 Resp: 1808401
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 9.8 9.1 13.7



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

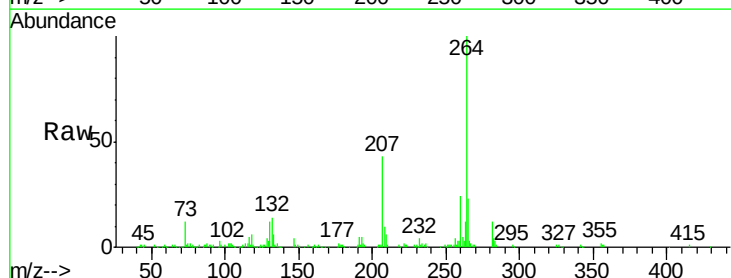


Time-->

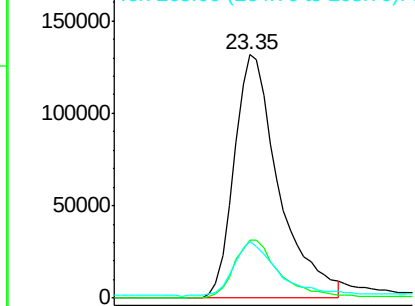


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.35 min Scan# 3462
 Delta R.T. -0.00 min
 Lab File: BM020028.D
 Acq: 23 Apr 2019 05:42

Tgt Ion:264 Resp: 353374
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 23.1 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



Time-->

