

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042219\
 Data File : BM020017.D
 Acq On : 22 Apr 2019 21:55
 Operator : JU/SJ
 Sample : K2201-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 23 01:04:09 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

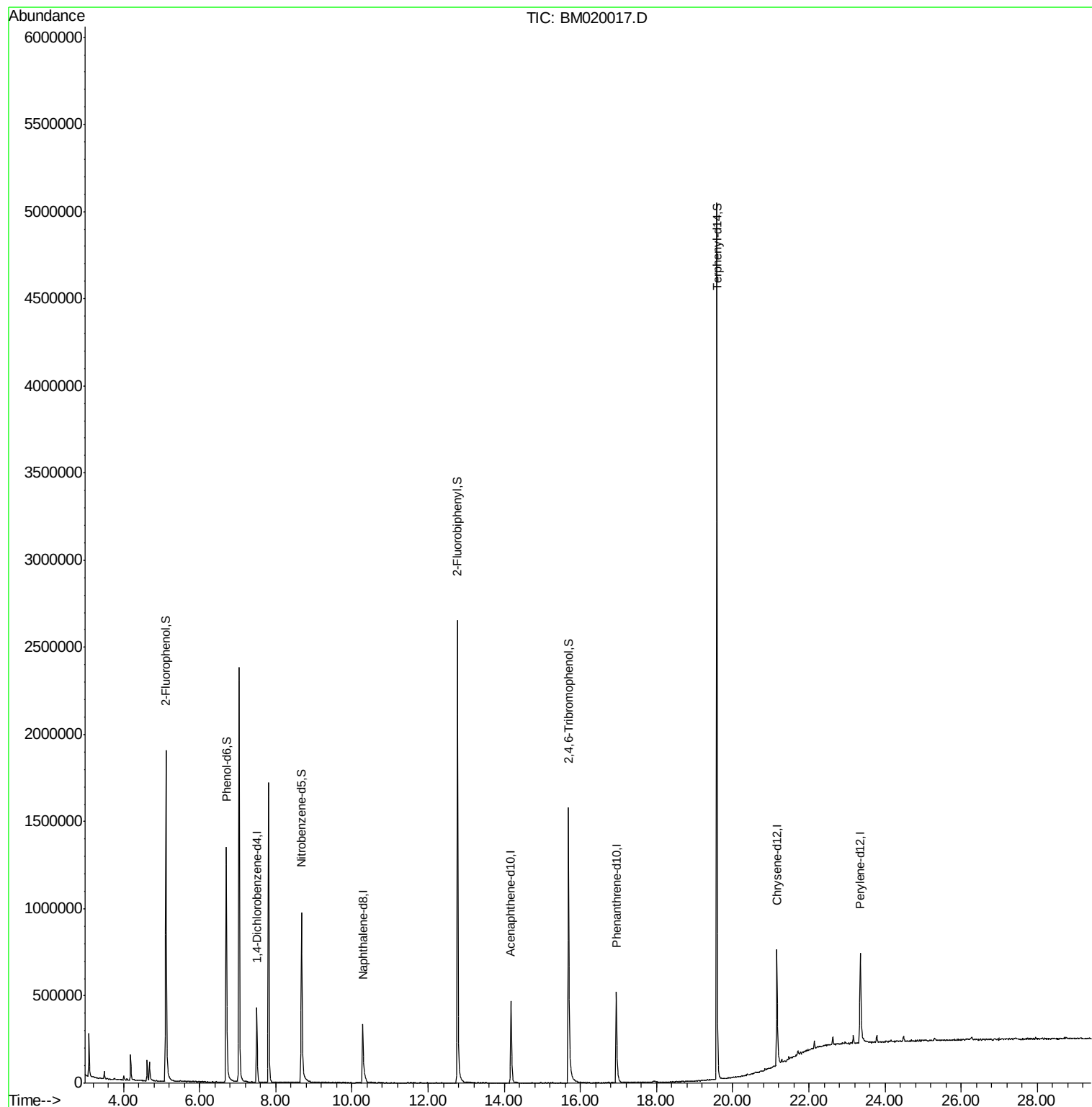
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	110639	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	361867	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	193243	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	397899	20.00	ng	0.00
76) Chrysene-d12	21.16	240	363085	20.00	ng	0.00
87) Perylene-d12	23.35	264	443764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	794700	116.41	ng	-0.01
7) Phenol-d6	6.70	99	855042	83.22	ng	-0.01
23) Nitrobenzene-d5	8.67	82	764676	94.50	ng	-0.01
42) 2,4,6-Tribromophenol	15.69	330	369596	118.82	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1489480	96.06	ng	-0.01
79) Terphenyl-d14	19.58	244	2249645	109.29	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.70	77	2520	Below Cal	Qvalue #	7

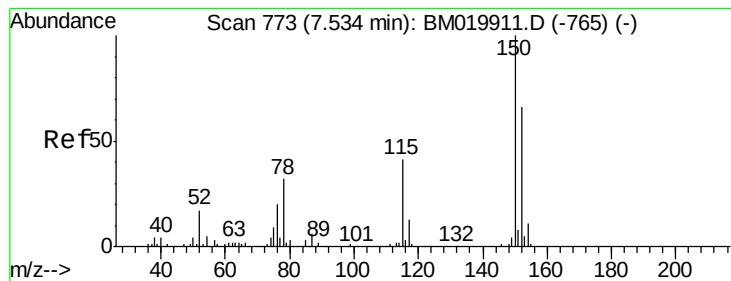
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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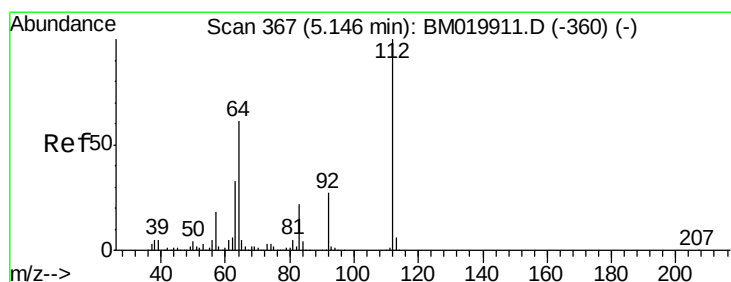
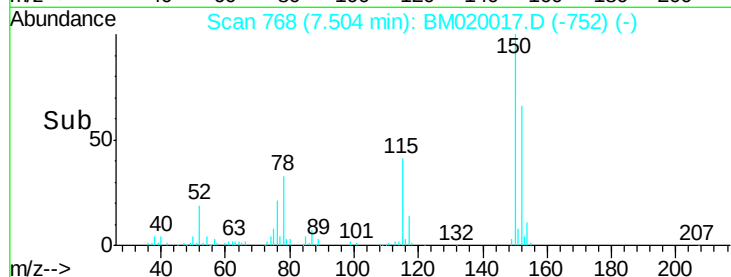
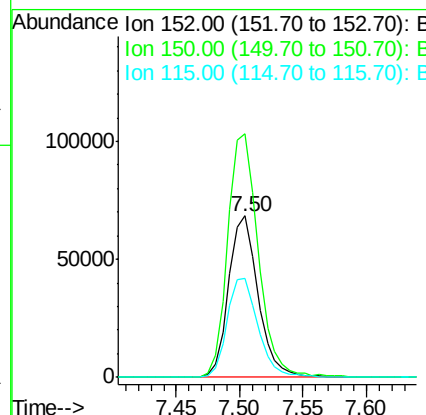
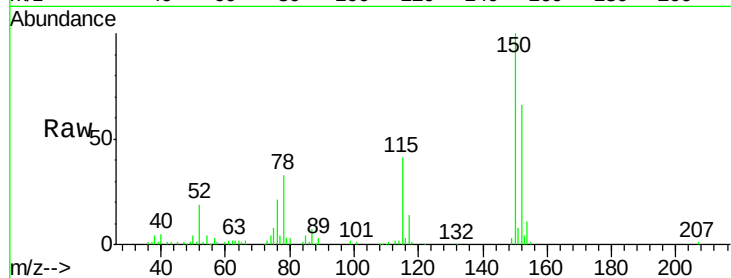


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM020017.D
Acq: 22 Apr 2019 21:55

Instrument :
BNA_M
ClientSampleId :

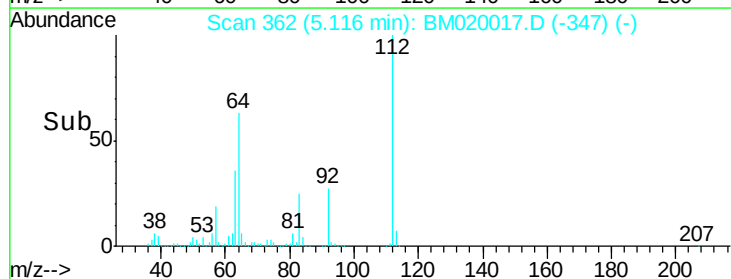
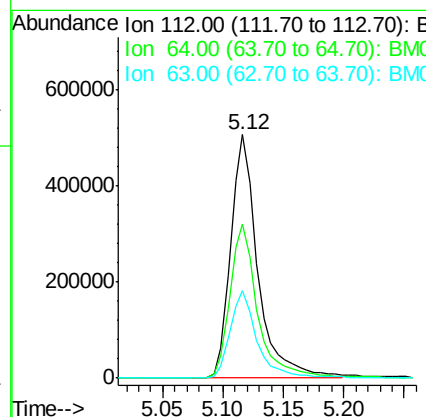
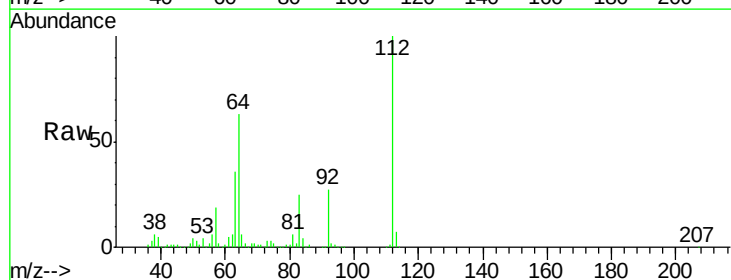
Tot Ion:152 Resp: 110639
Ion Ratio Lower Upper
152 100
150 151.0 122.1 183.1
115 61.5 50.0 75.0

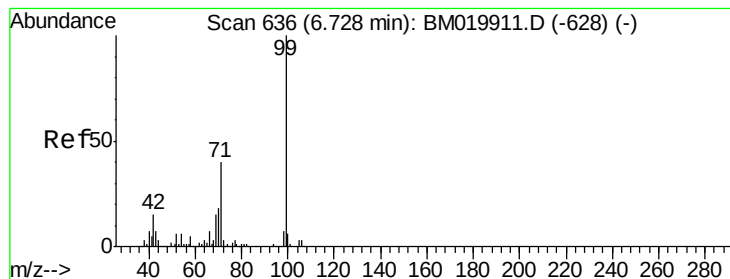


#5

2-Fluorophenol
Concen: 116.408 ng
RT: 5.12 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM020017.D
Acq: 22 Apr 2019 21:55

Tgt Ion:112 Resp: 794700
Ion Ratio Lower Upper
112 100
64 63.4 49.1 73.7
63 36.0 26.5 39.7





#7

Phenol-d6

Concen: 83.222 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020017.D

Acq: 22 Apr 2019 21:55

Instrument :

BNA_M

ClientSampleId :

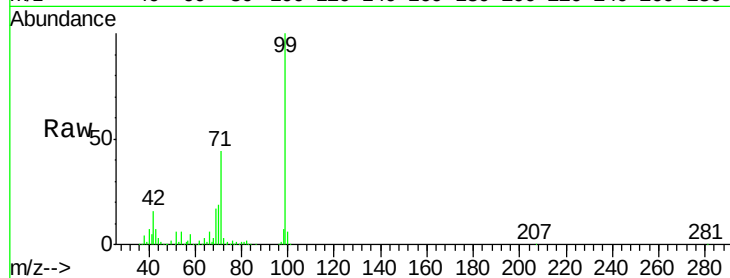
Tot Ion: 99 Resp: 855042

Ion Ratio Lower Upper

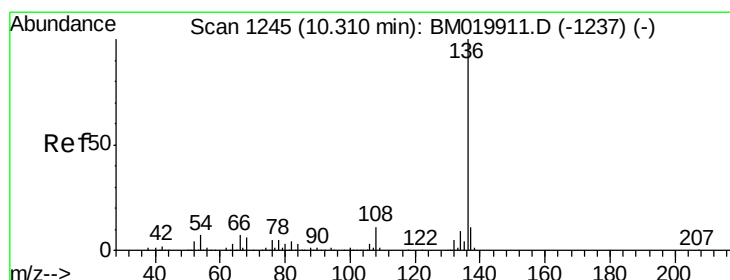
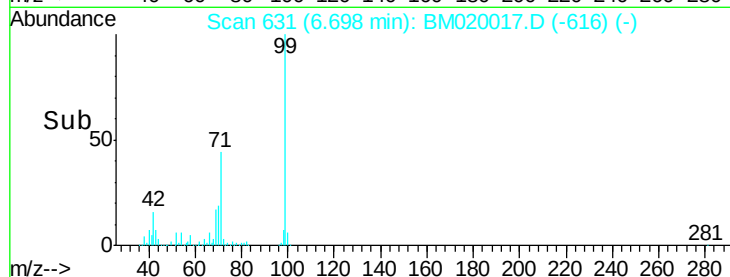
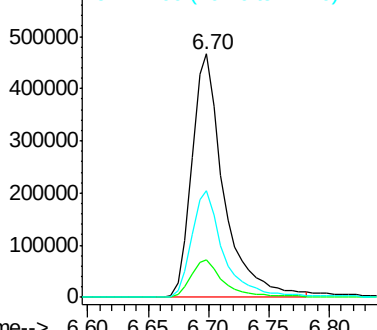
99 100

42 15.6 11.8 17.8

71 43.6 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: BM020017.D

Acq: 22 Apr 2019 21:55

Tgt Ion: 136 Resp: 361867

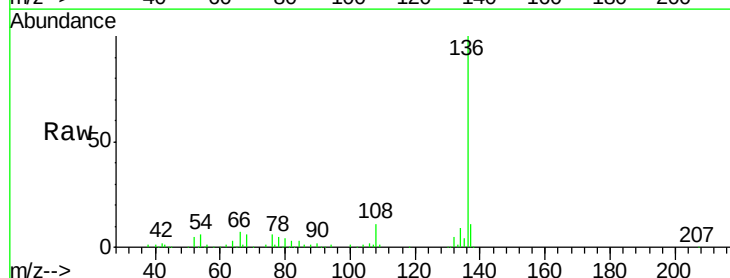
Ion Ratio Lower Upper

136 100

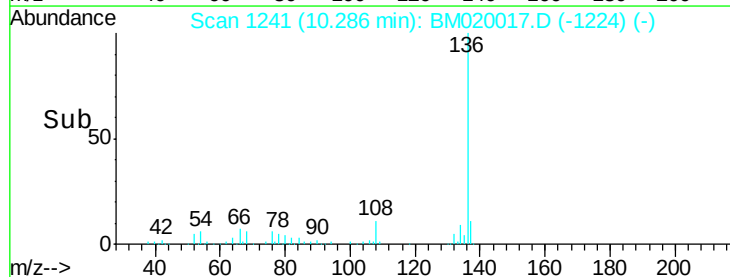
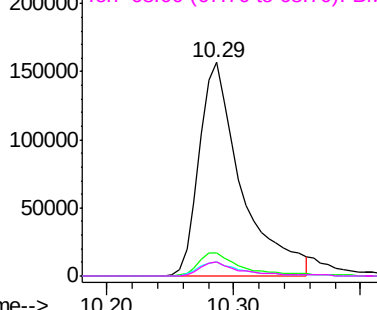
137 10.9 9.0 13.6

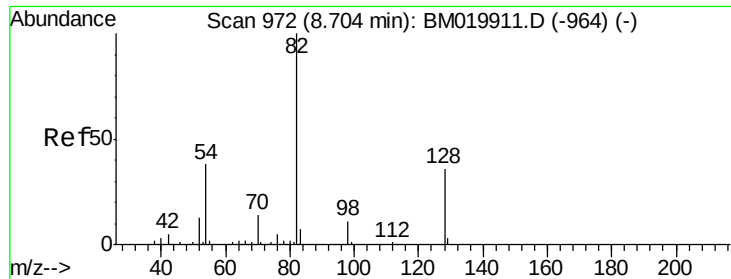
54 6.4 5.3 7.9

68 6.4 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

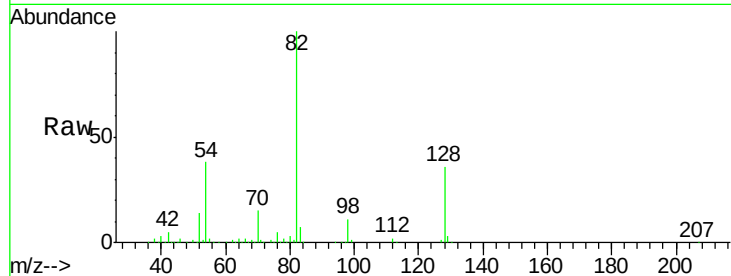




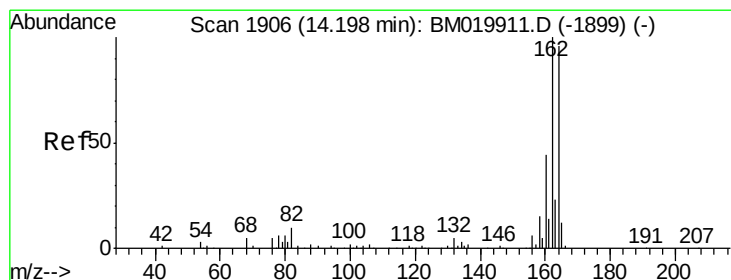
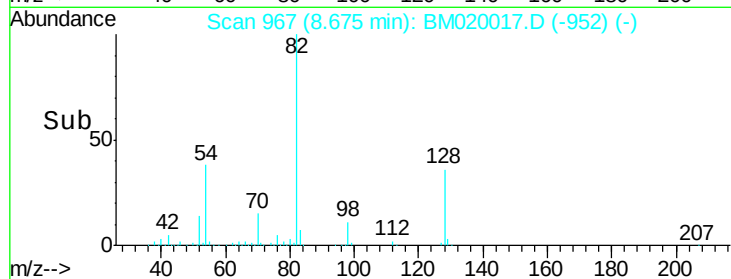
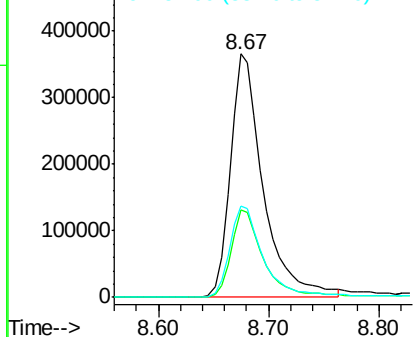
#23
 Nitrobenzene-d5
 Concen: 94.502 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM020017.D
 Acq: 22 Apr 2019 21:55

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	82	Resp	764676
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.0	43.4
54	37.7	30.2	45.4

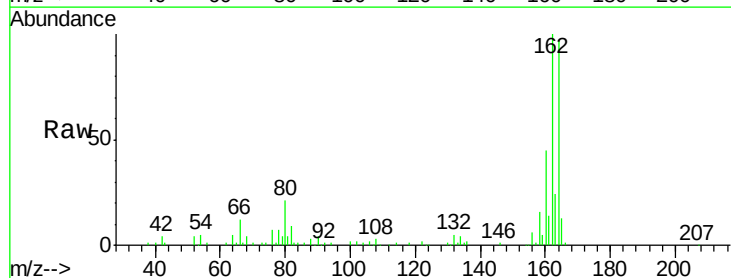


Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BM0

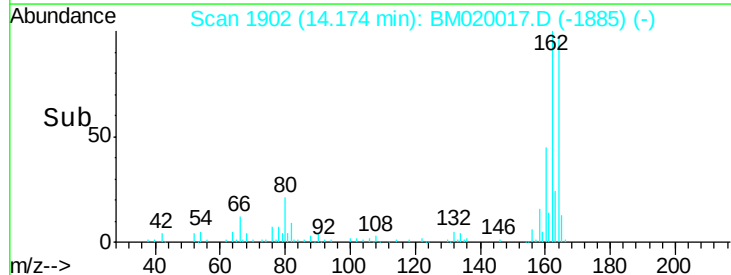
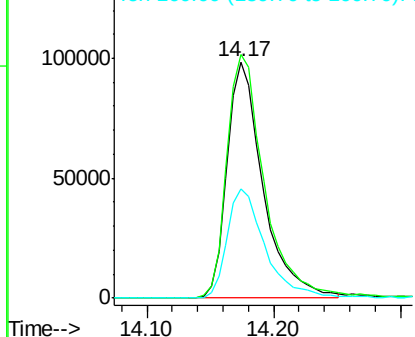


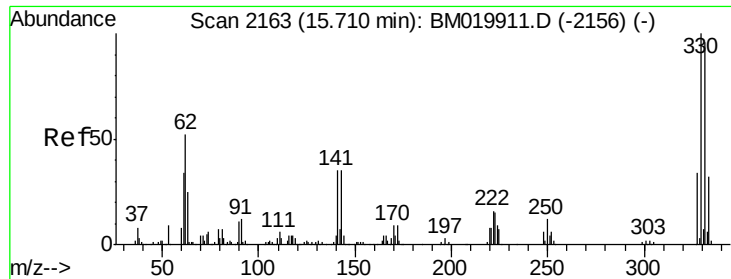
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BM020017.D
 Acq: 22 Apr 2019 21:55

Tgt Ion	164	Resp	193243
Ion Ratio	Lower	Upper	
164	100		
162	103.1	83.0	124.4
160	46.1	36.6	55.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 118.815 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BM020017.D

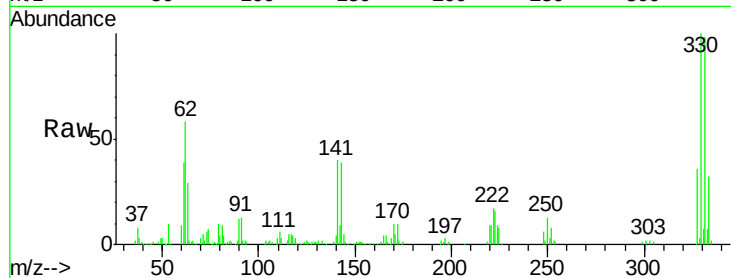
Acq: 22 Apr 2019 21:55

Instrument :

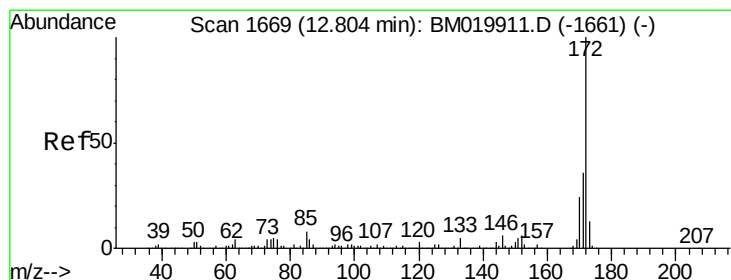
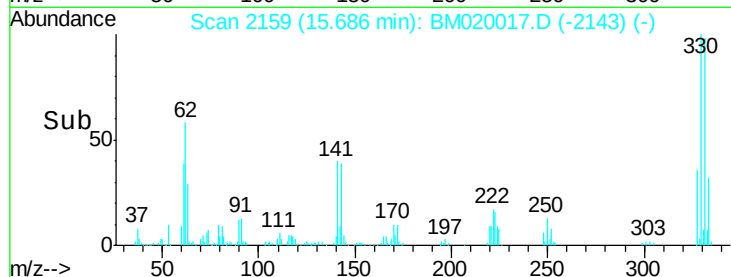
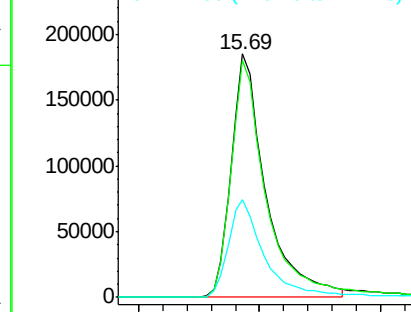
BNA_M

ClientSampled :

Tot Ion:	330	Resp:	369596
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	40.9	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: 96.057 ng

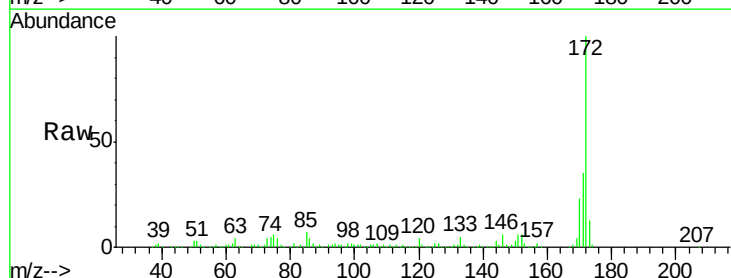
RT: 12.77 min Scan# 1664

Delta R.T. -0.01 min

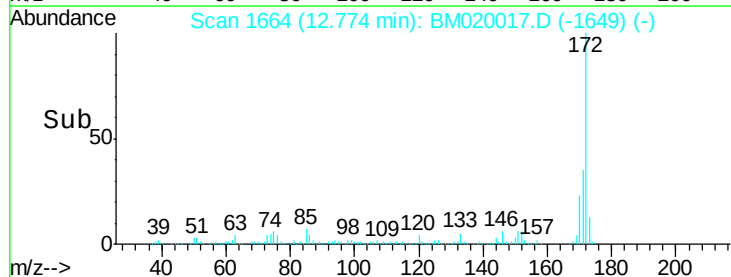
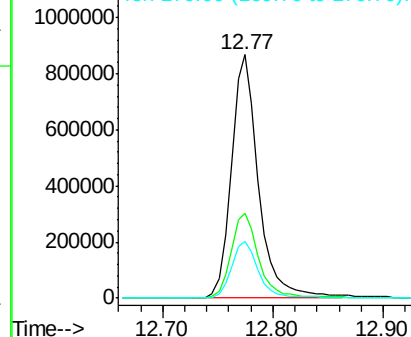
Lab File: BM020017.D

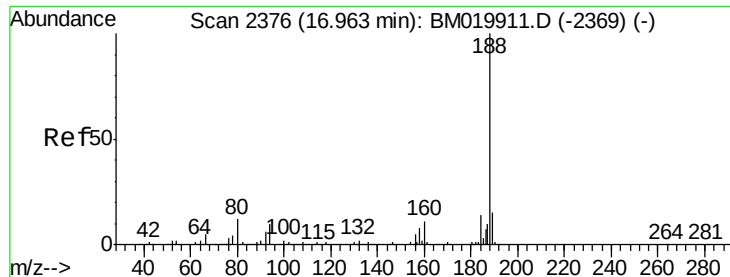
Acq: 22 Apr 2019 21:55

Tgt Ion:	172	Resp:	1489480
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.9	43.3
170	23.2	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: BM020017.D

Acq: 22 Apr 2019 21:55

Instrument :

BNA_M

ClientSampleId :

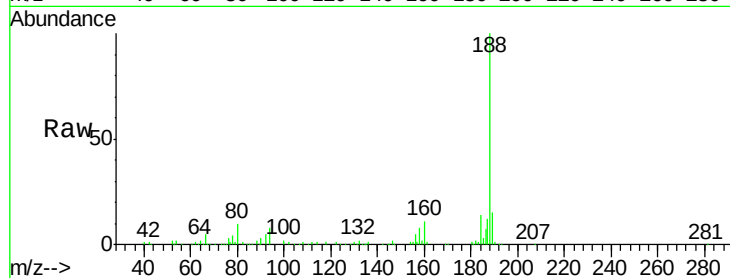
Tot Ion:188 Resp: 397899

Ion Ratio Lower Upper

188 100

94 8.4 7.6 11.4

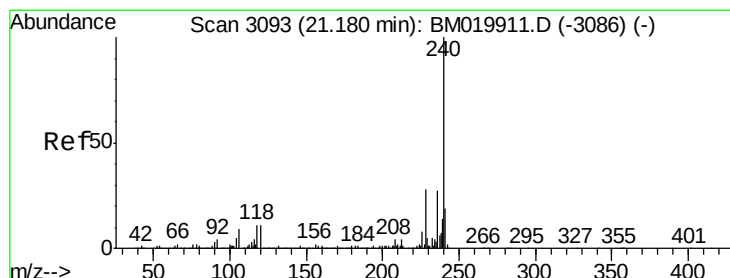
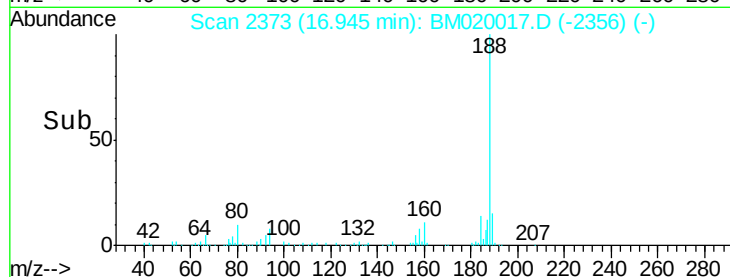
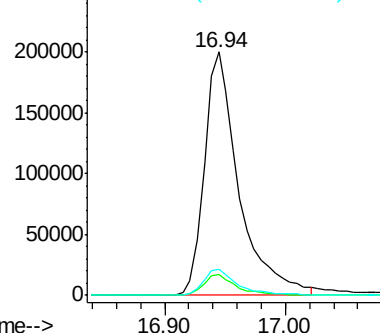
80 10.5 9.4 14.0



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: BM020017.D

Acq: 22 Apr 2019 21:55

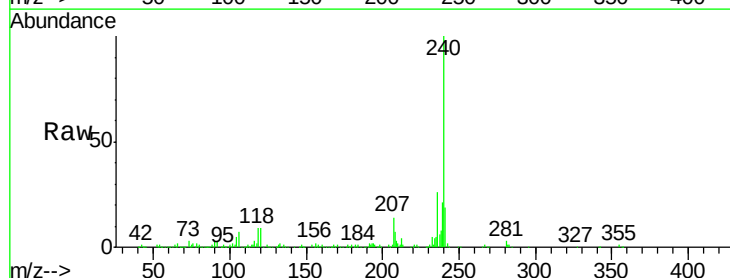
Tgt Ion:240 Resp: 363085

Ion Ratio Lower Upper

240 100

120 9.1 8.6 13.0

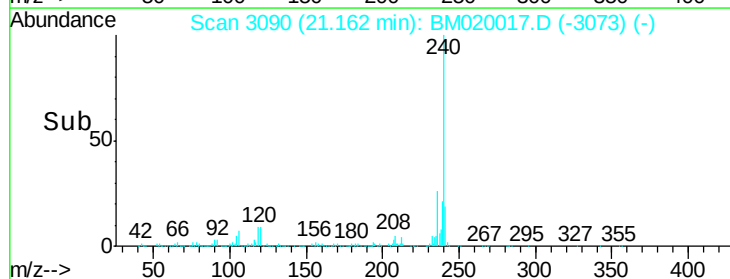
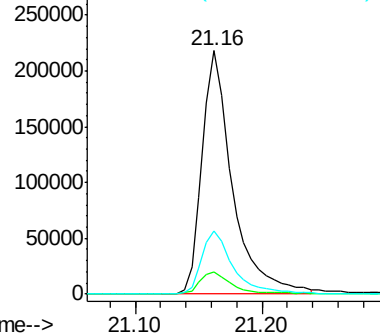
236 25.8 21.4 32.2

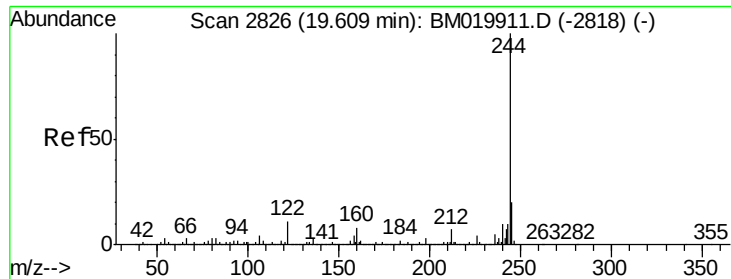


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 109.285 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM020017.D

Acq: 22 Apr 2019 21:55

Instrument :

BNA_M

ClientSampleId :

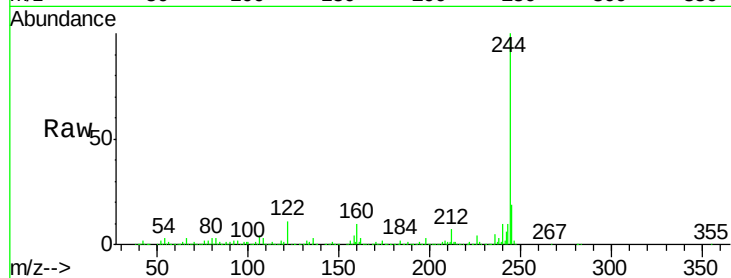
Tot Ion:244 Resp: 2249645

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

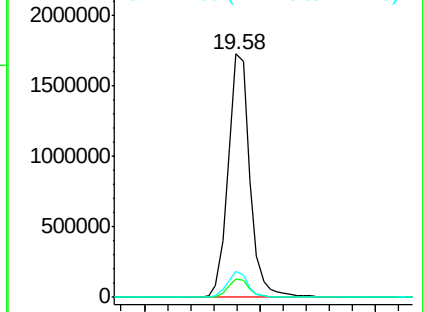
122 10.8 9.1 13.7



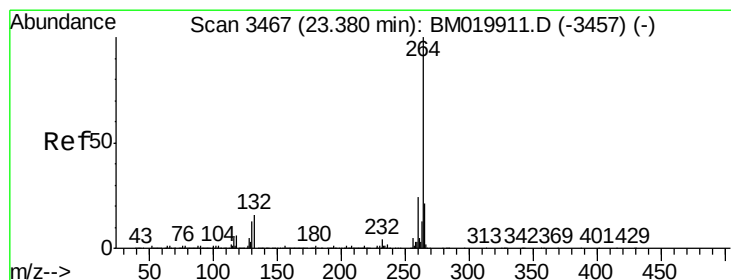
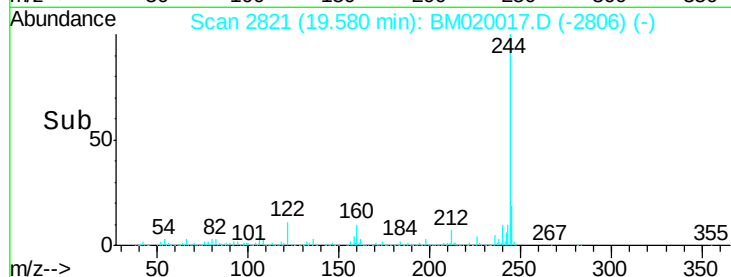
Abundance Ion 244.00 (243.70 to 244.70): E

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: BM020017.D

Acq: 22 Apr 2019 21:55

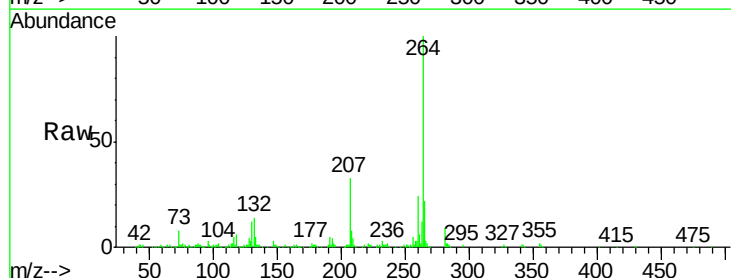
Tgt Ion:264 Resp: 443764

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

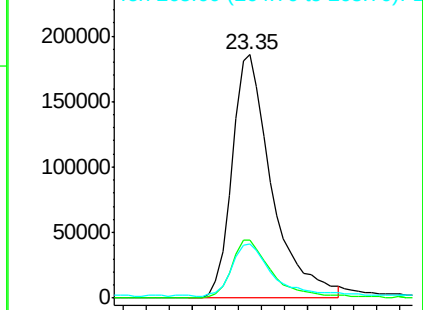
265 22.3 17.2 25.8



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-->

