

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042219\
 Data File : BM020014.D
 Acq On : 22 Apr 2019 20:06
 Operator : JU/SJ
 Sample : K2201-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 23 01:03:45 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

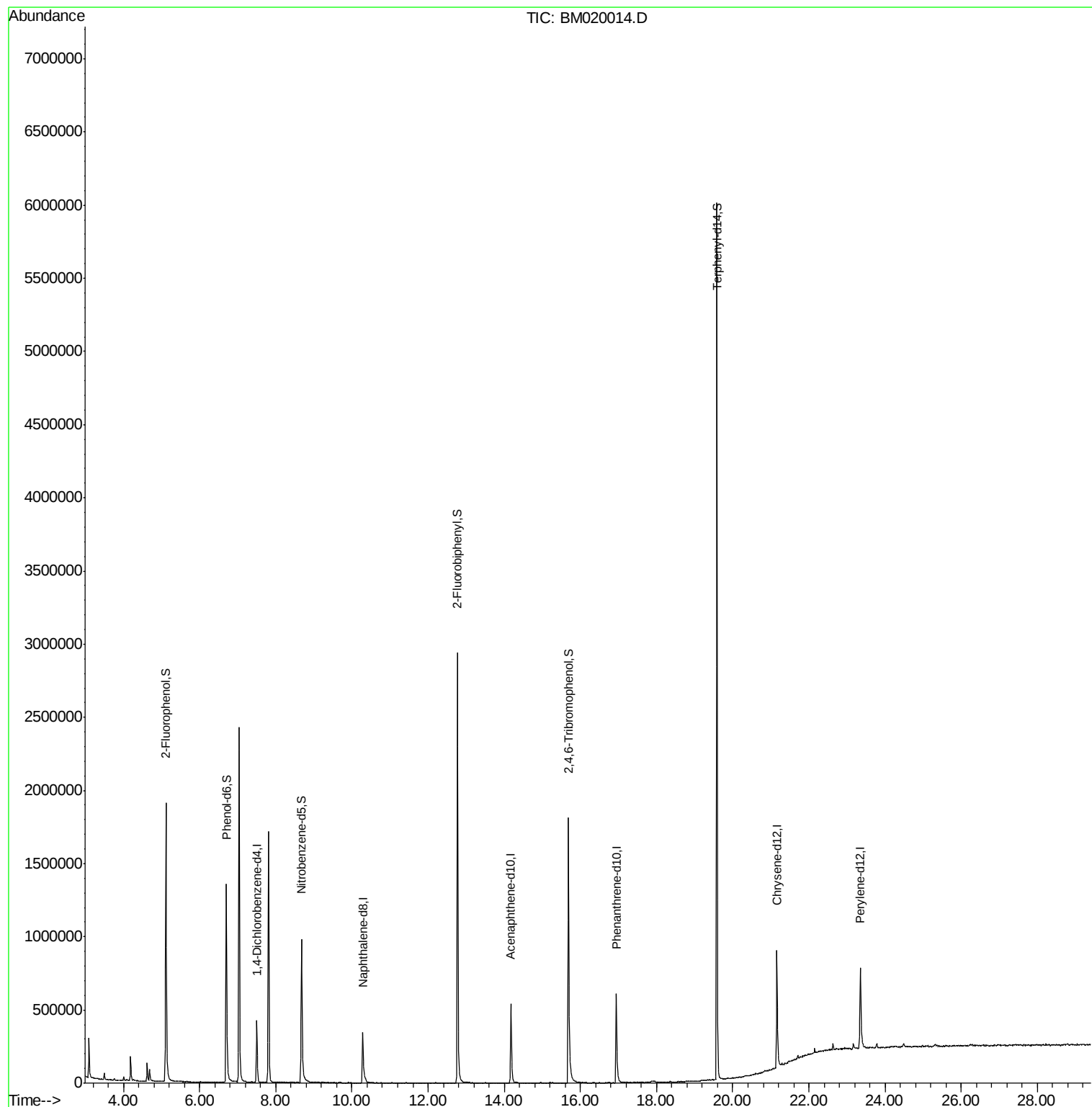
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	110820	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	369406	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	205944	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	443596	20.00	ng	0.00
76) Chrysene-d12	21.16	240	416289	20.00	ng	0.00
87) Perylene-d12	23.35	264	468137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	788871	115.37	ng	-0.01
7) Phenol-d6	6.70	99	856851	83.26	ng	-0.01
23) Nitrobenzene-d5	8.67	82	779412	94.36	ng	-0.01
42) 2,4,6-Tribromophenol	15.69	330	416361	125.59	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1577723	95.47	ng	-0.01
79) Terphenyl-d14	19.59	244	2560937	108.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	2915	Below Cal	Qvalue #	7

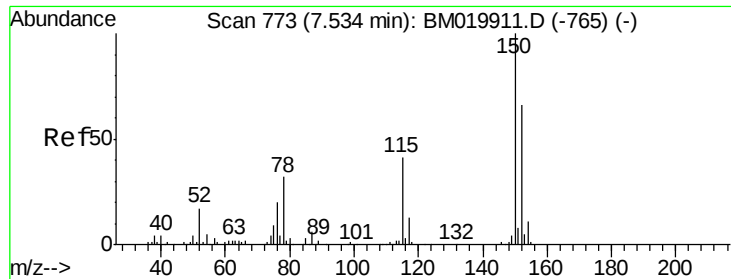
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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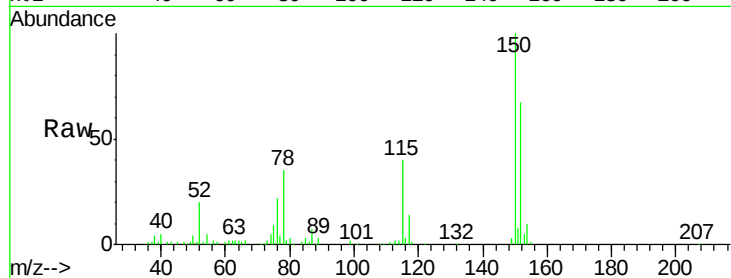


#1

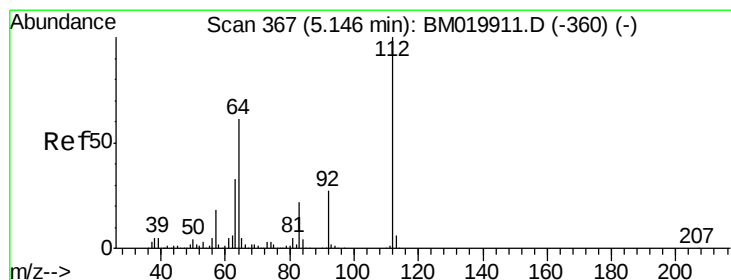
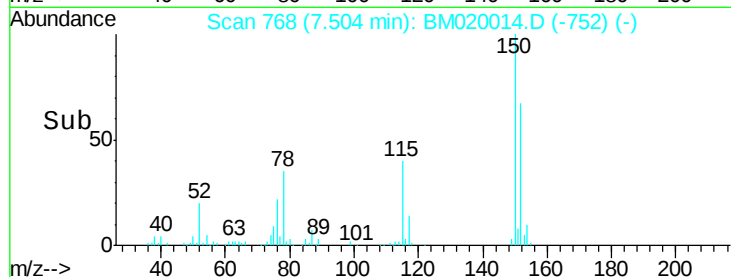
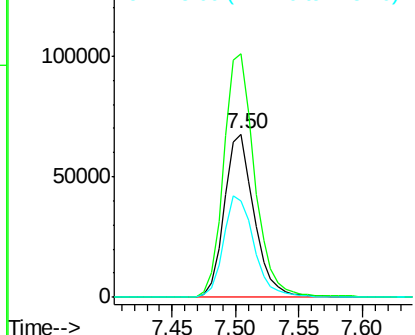
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM020014.D
Acq: 22 Apr 2019 20:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion	152	Resp	110820
Ion	Ratio	Lower	Upper
152	100		
150	149.0	122.1	183.1
115	59.3	50.0	75.0



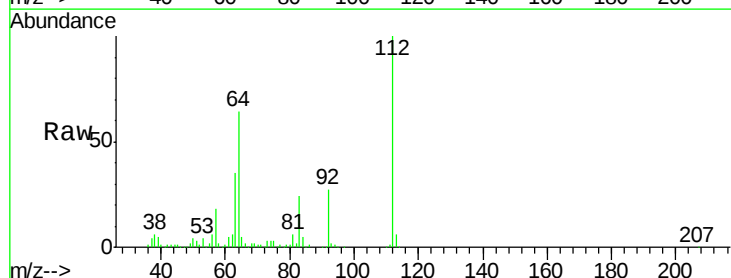
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



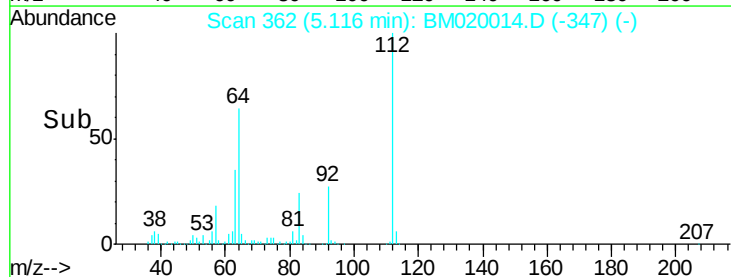
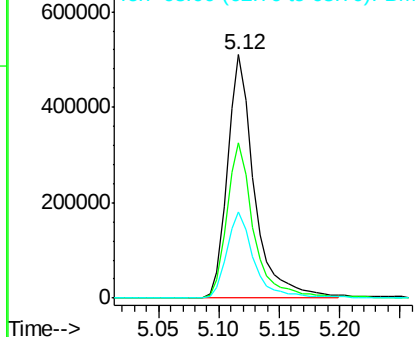
#5

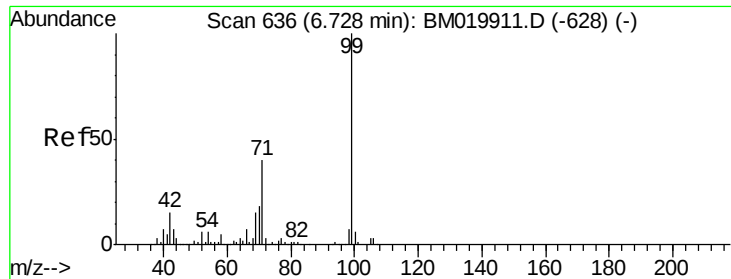
2-Fluorophenol
Concen: 115.366 ng
RT: 5.12 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM020014.D
Acq: 22 Apr 2019 20:06

Tgt Ion	112	Resp	788871
Ion	Ratio	Lower	Upper
112	100		
64	63.6	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: 83.261 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020014.D

Acq: 22 Apr 2019 20:06

Instrument :

BNA_M

ClientSampleId :

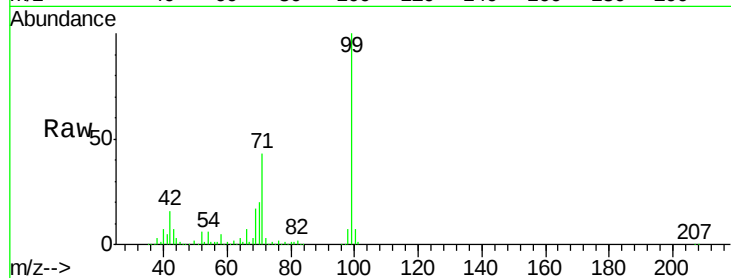
Tot Ion: 99 Resp: 856851

Ion Ratio Lower Upper

99 100

42 15.9 11.8 17.8

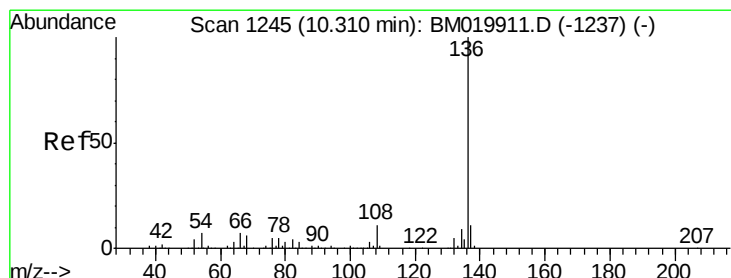
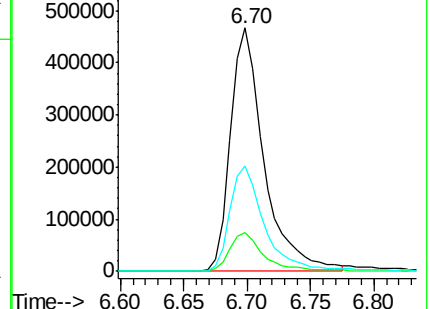
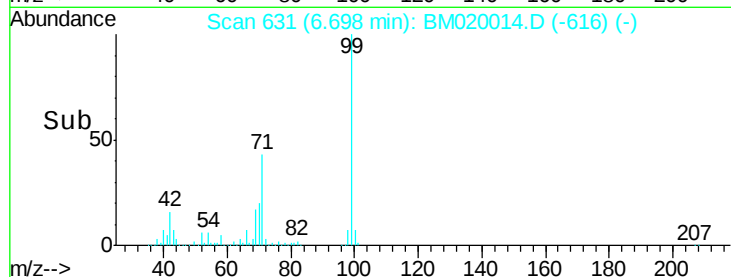
71 43.5 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM019911.D (-628) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM020014.D

Acq: 22 Apr 2019 20:06

Tgt Ion: 136 Resp: 369406

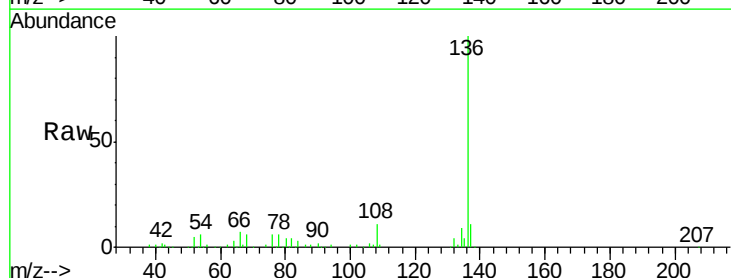
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 6.5 5.3 7.9

68 5.8 5.2 7.8

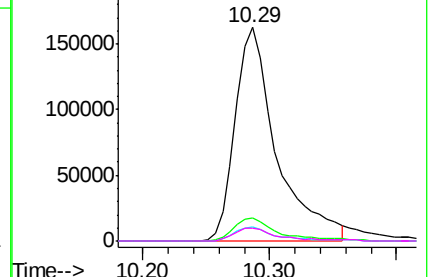
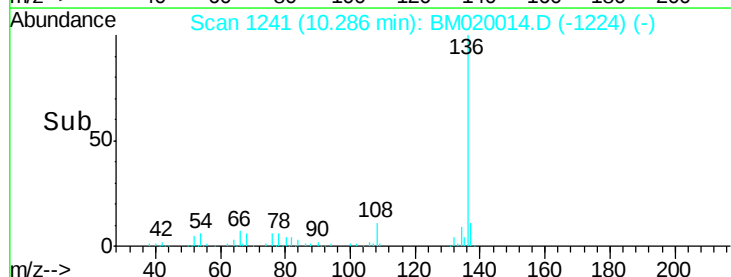


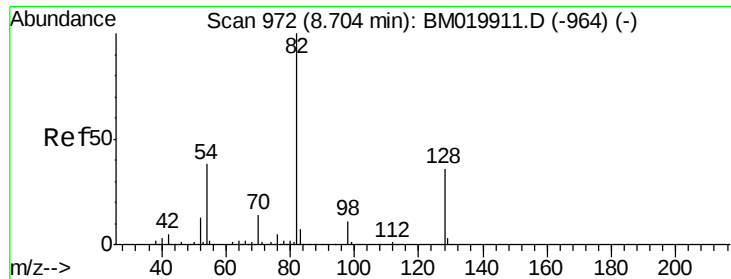
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

Ion 137.00 (136.70 to 137.70): BM019911.D (-1237) (-)

Ion 54.00 (53.70 to 54.70): BM019911.D (-1237) (-)

Ion 68.00 (67.70 to 68.70): BM019911.D (-1237) (-)

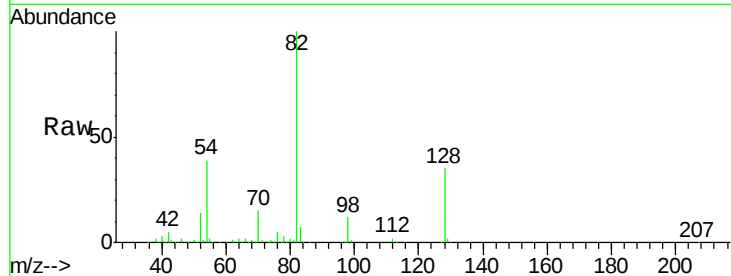




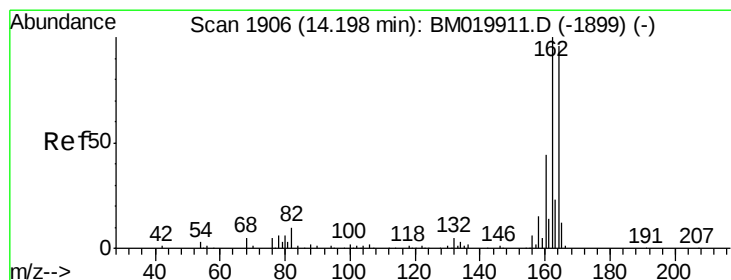
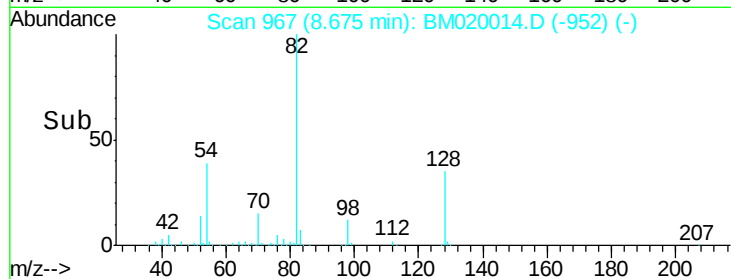
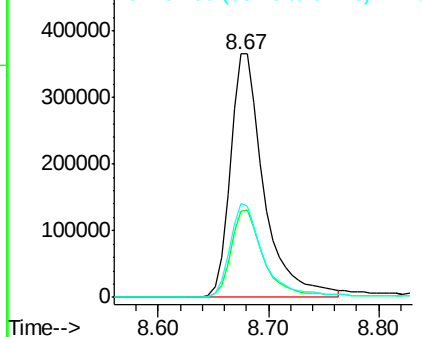
#23
 Nitrobenzene-d5
 Concen: 94.357 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM020014.D
 Acq: 22 Apr 2019 20:06

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	82	Resp	779412
Ion Ratio	Lower	Upper	
82	100		
128	35.3	29.0	43.4
54	38.8	30.2	45.4

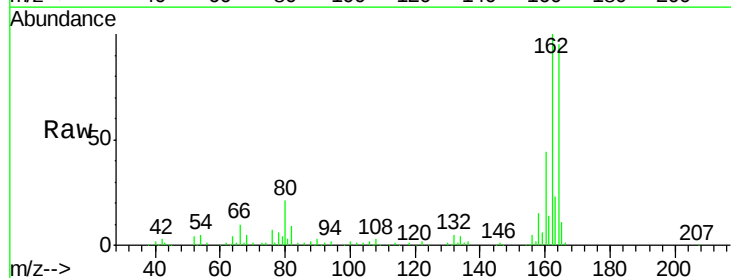


Abundance Ion 82.00 (81.70 to 82.70): BM019911.D (-964) (-)

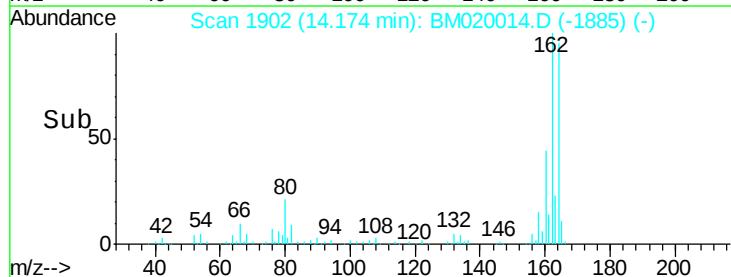
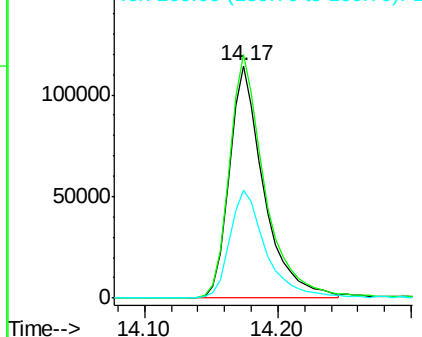


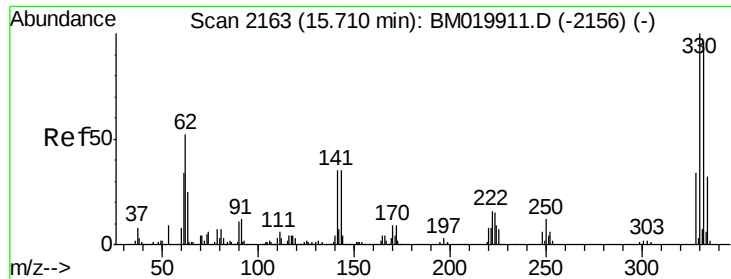
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BM020014.D
 Acq: 22 Apr 2019 20:06

Tgt Ion	164	Resp	205944
Ion Ratio	Lower	Upper	
164	100		
162	104.8	83.0	124.4
160	46.2	36.6	55.0



Abundance Ion 164.00 (163.70 to 164.70): BM019911.D (-1899) (-)

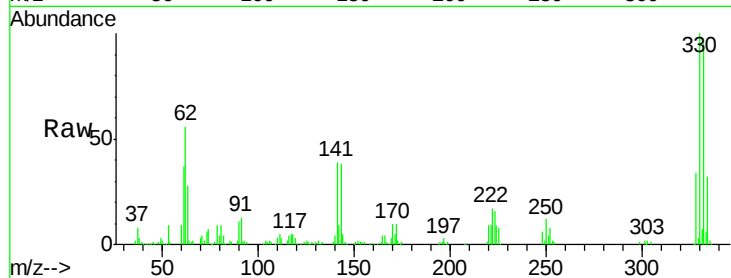




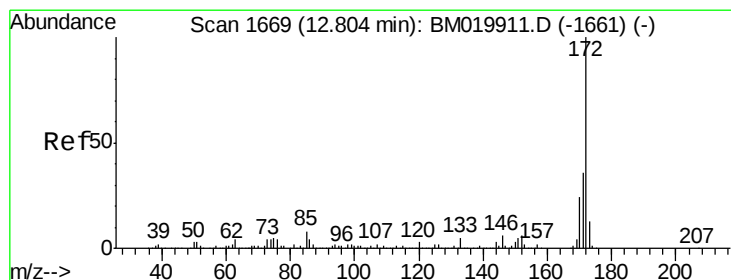
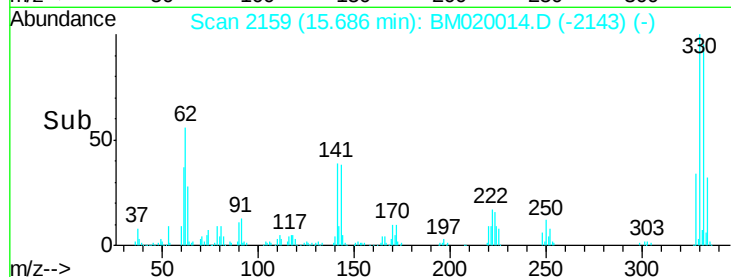
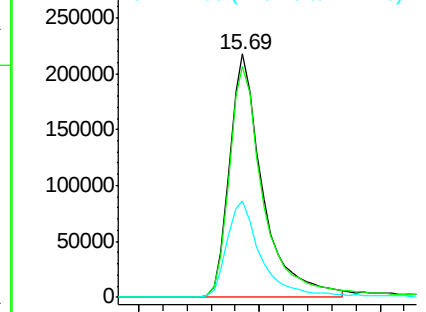
#42
 2,4,6-Tribromophenol
 Concen: 125.594 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020014.D
 Acq: 22 Apr 2019 20:06

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	40.7	29.0	43.4

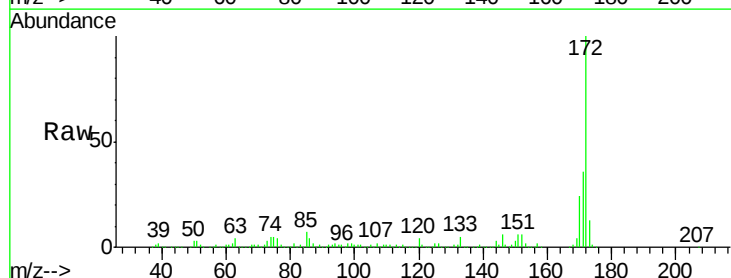


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

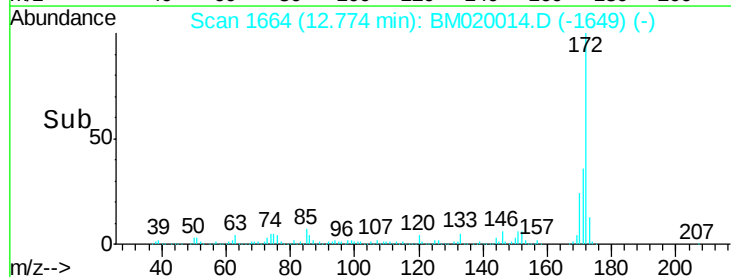
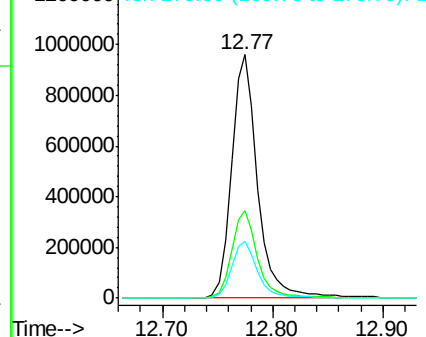


#45
 2-Fluorobiphenyl
 Concen: 95.473 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM020014.D
 Acq: 22 Apr 2019 20:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	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

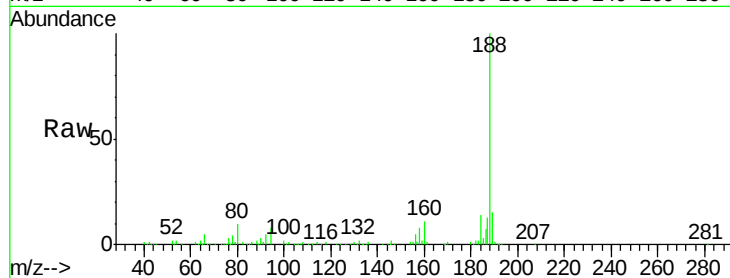




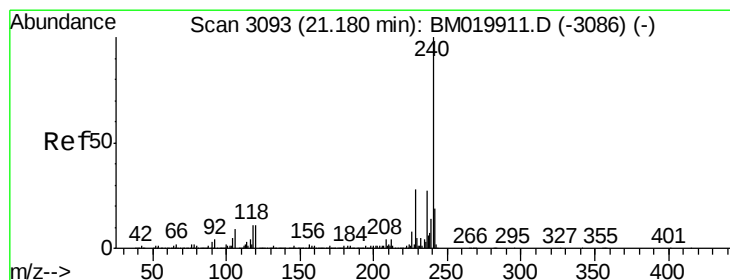
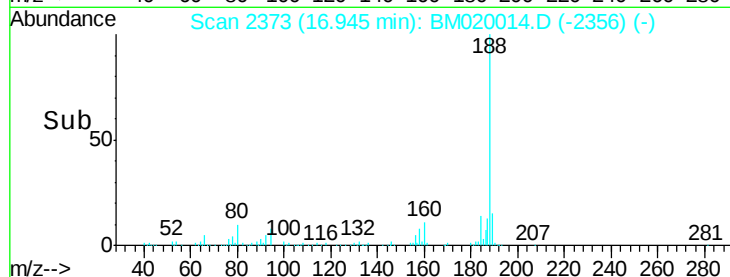
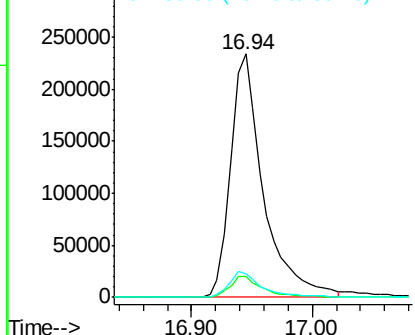
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM020014.D
Acq: 22 Apr 2019 20:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 443596
Ion Ratio Lower Upper
188 100
94 8.5 7.6 11.4
80 9.9 9.4 14.0

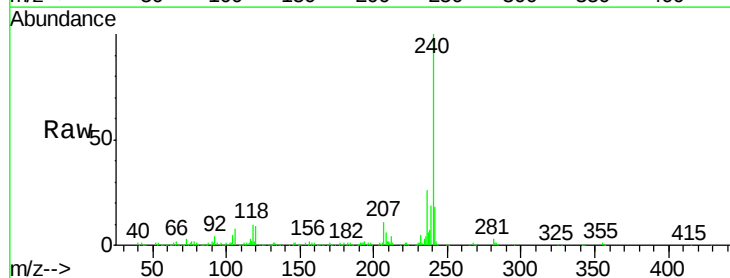


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

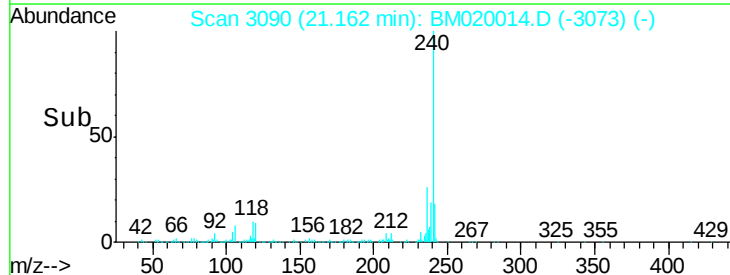
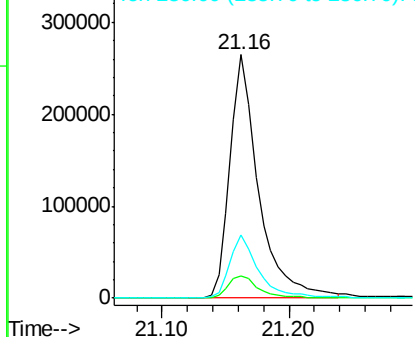


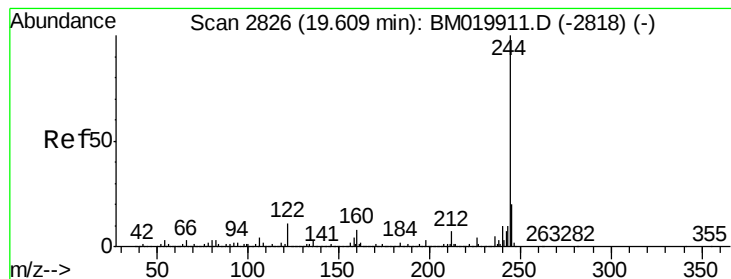
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM020014.D
Acq: 22 Apr 2019 20:06

Tgt Ion:240 Resp: 416289
Ion Ratio Lower Upper
240 100
120 9.2 8.6 13.0
236 25.7 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: 108.507 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM020014.D

Acq: 22 Apr 2019 20:06

Instrument :

BNA_M

ClientSampleId :

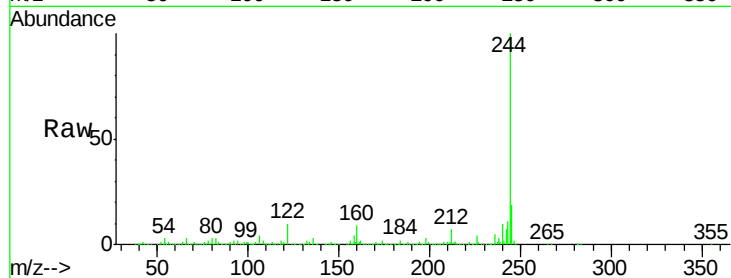
Tot Ion:244 Resp: 2560937

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

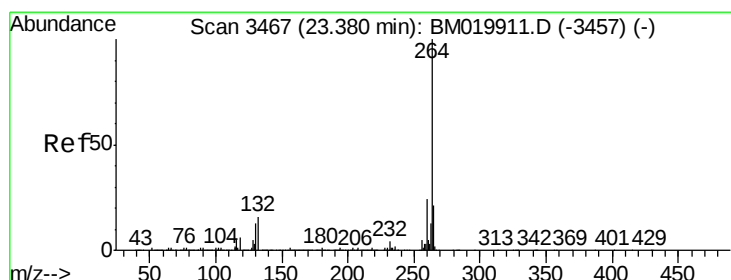
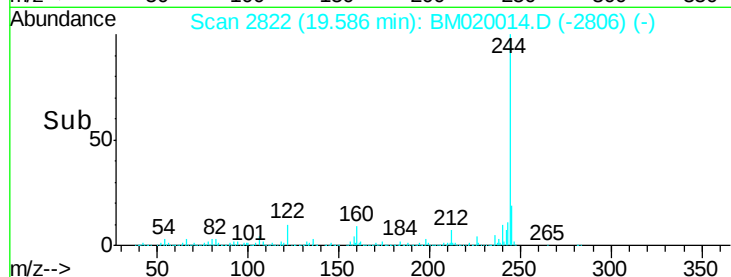
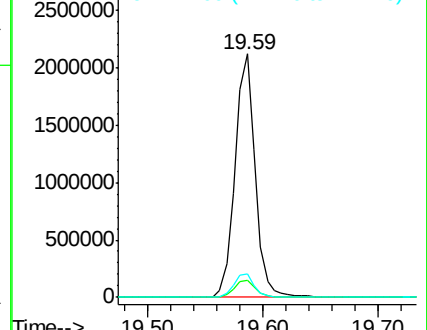
122 9.8 9.1 13.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.35 min Scan# 3462

Delta R.T. -0.00 min

Lab File: BM020014.D

Acq: 22 Apr 2019 20:06

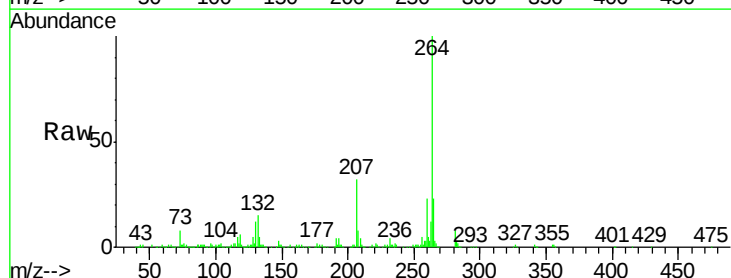
Tgt Ion:264 Resp: 468137

Ion Ratio Lower Upper

264 100

260 23.4 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

