

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019960.D
 Acq On : 18 Apr 2019 19:07
 Operator : JU/SJ
 Sample : PB119018BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 19 00:42:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

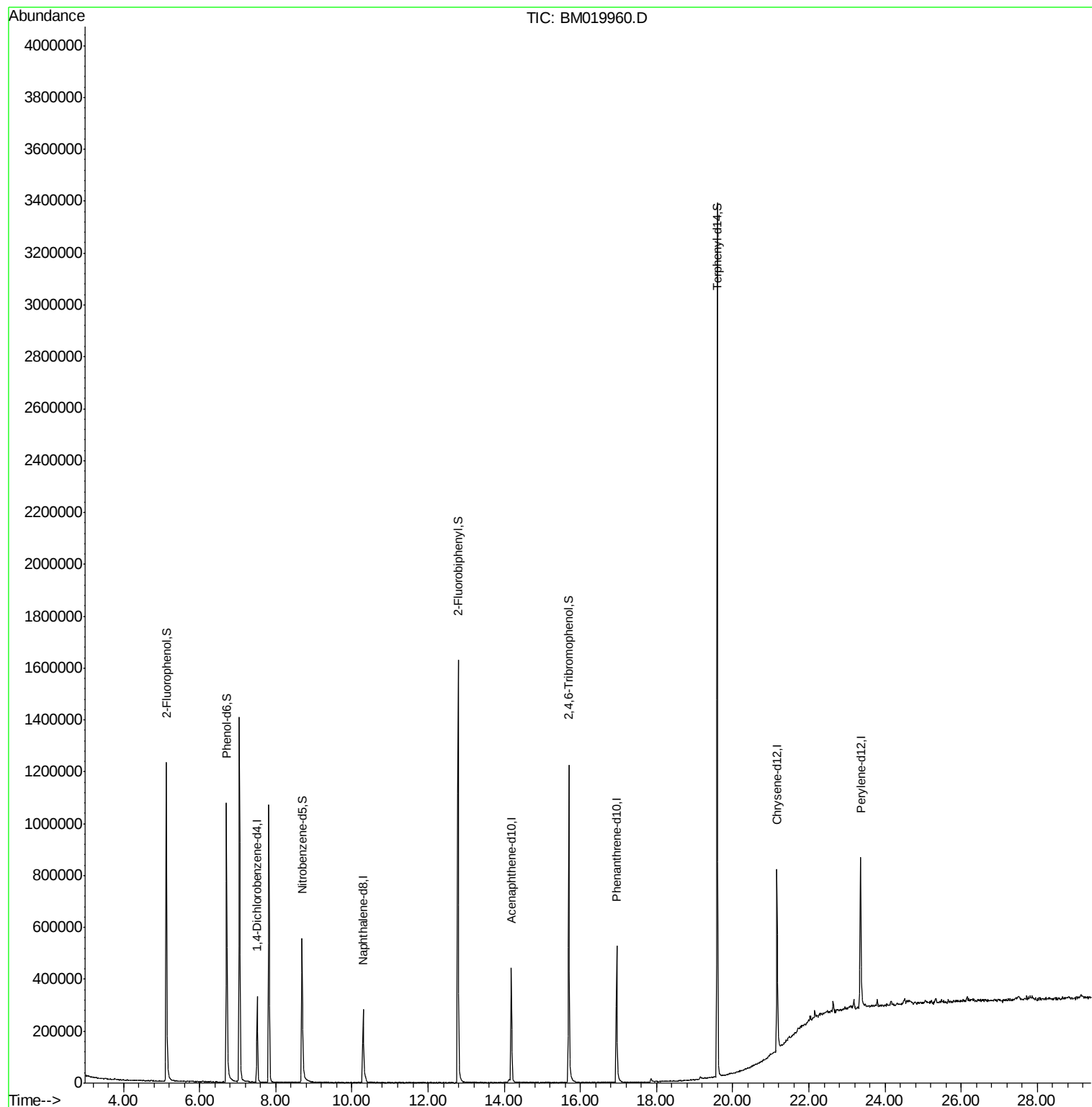
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	85056	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	288915	20.00	ng	-0.02
39) Acenaphthene-d10	14.18	164	166139	20.00	ng	-0.02
64) Phenanthrene-d10	16.95	188	348513	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	363408	20.00	ng	-0.02
87) Perylene-d12	23.36	264	458429	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	562940	107.26	ng	-0.02
7) Phenol-d6	6.71	99	717747	90.87	ng	-0.02
23) Nitrobenzene-d5	8.69	82	443374	68.63	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	246448	92.15	ng	-0.02
45) 2-Fluorobiphenyl	12.79	172	901199	67.60	ng	-0.02
79) Terphenyl-d14	19.59	244	1431060	69.46	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.71	77	1820	Below Cal	Qvalue #	7

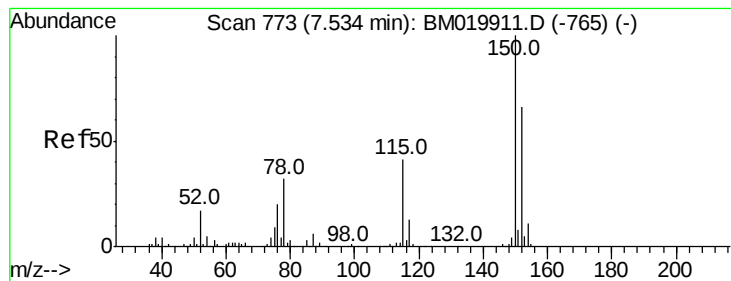
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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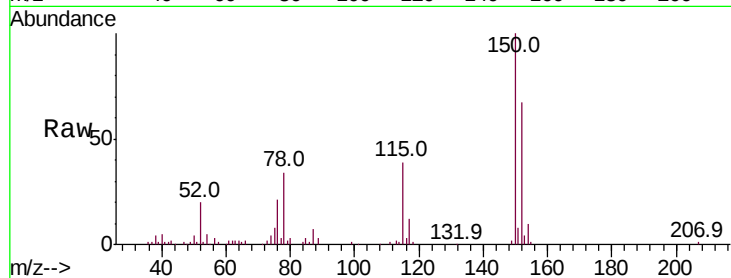


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM019960.D
Acq: 18 Apr 2019 19:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	122.1	183.1
115	58.8	50.0	75.0

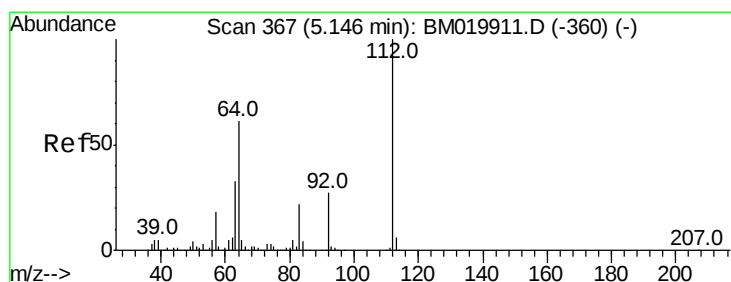
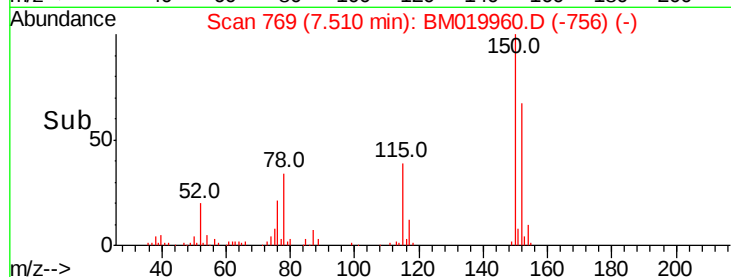
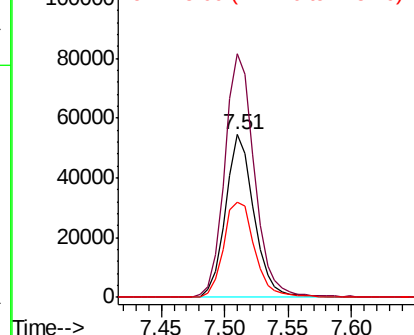


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

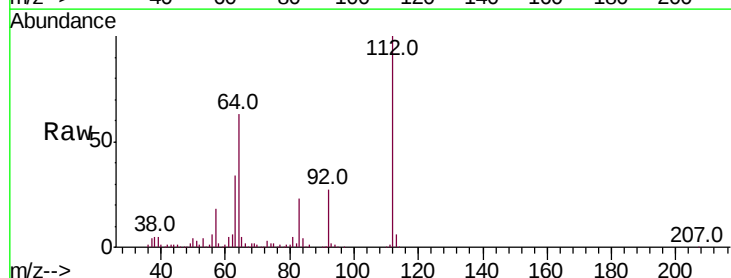
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.262 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.02 min
Lab File: BM019960.D
Acq: 18 Apr 2019 19:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	49.1	73.7
63	33.5	26.5	39.7

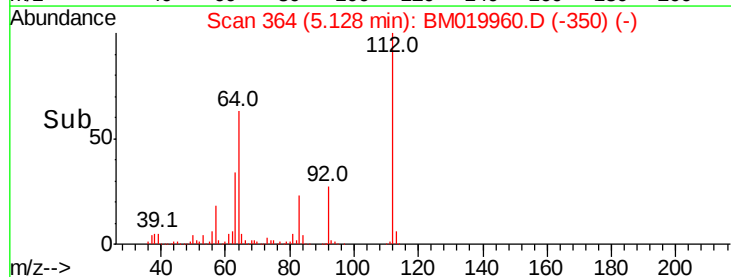
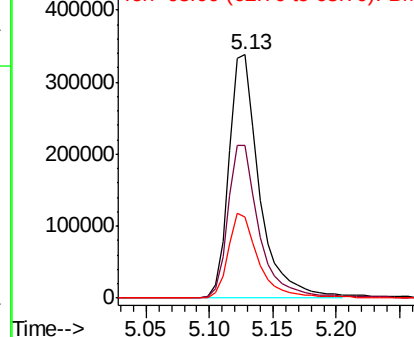


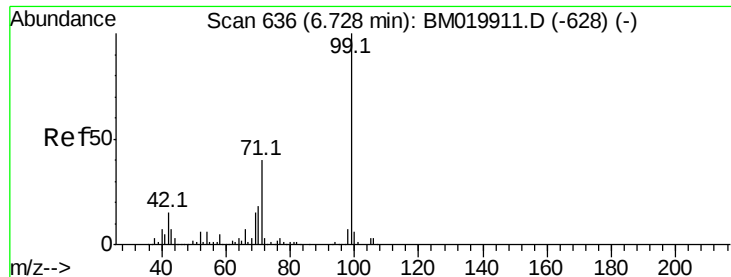
Abundance

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: 90.871 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.02 min

Lab File: BM019960.D

Acq: 18 Apr 2019 19:07

Instrument :

BNA_M

ClientSampled :

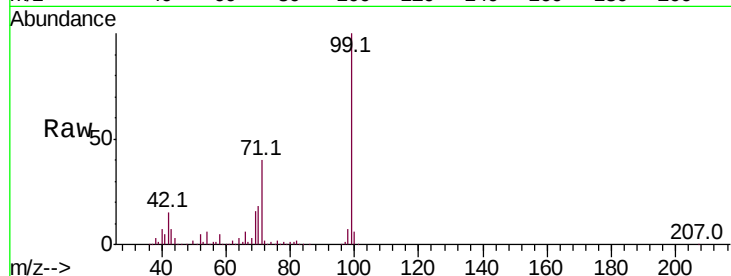
Tot Ion: 99 Resp: 717747

Ion Ratio Lower Upper

99 100

42 15.1 11.8 17.8

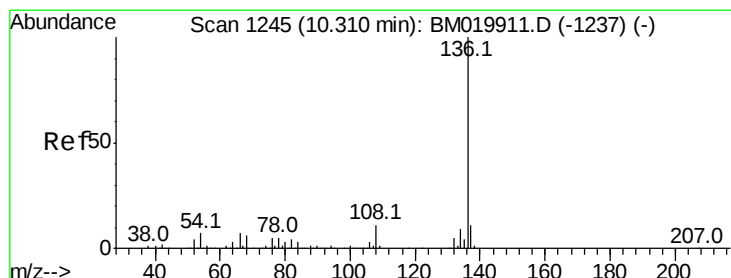
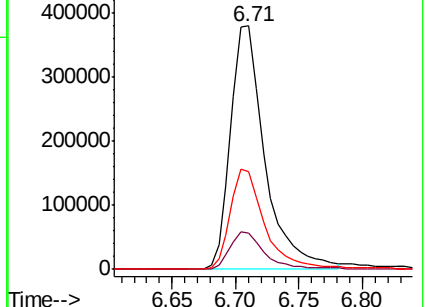
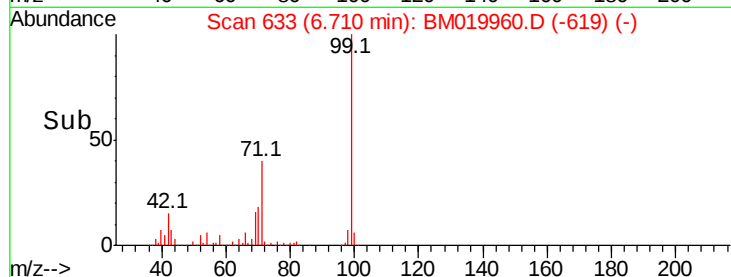
71 40.1 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019960.D (-619) (-)

Ion 42.00 (41.70 to 42.70): BM019960.D (-619) (-)

Ion 71.00 (70.70 to 71.70): BM019960.D (-619) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BM019960.D

Acq: 18 Apr 2019 19:07

Tgt Ion: 136 Resp: 288915

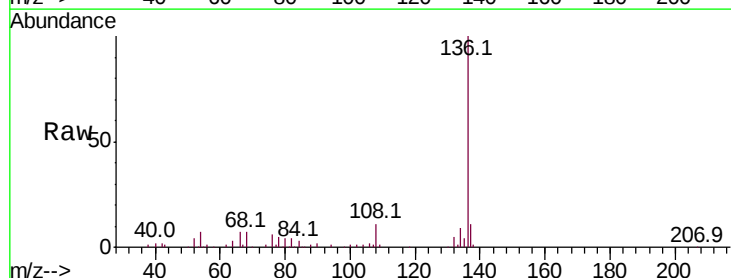
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 7.2 5.3 7.9

68 7.2 5.2 7.8

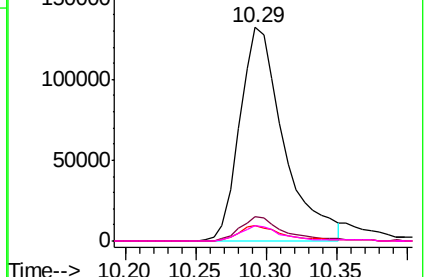
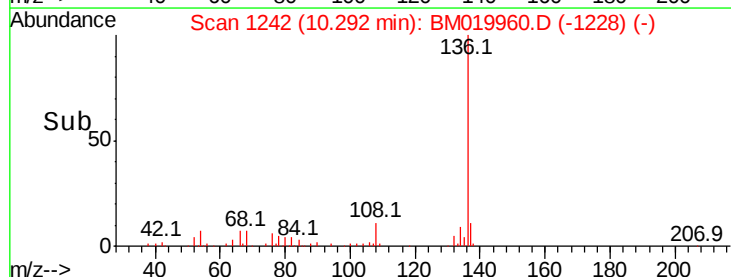


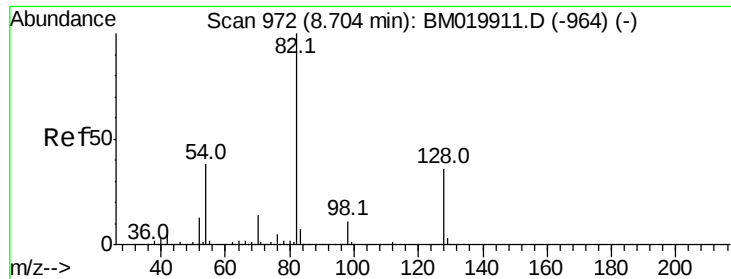
Abundance Ion 136.00 (135.70 to 136.70): BM019960.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM019960.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM019960.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM019960.D (-1228) (-)

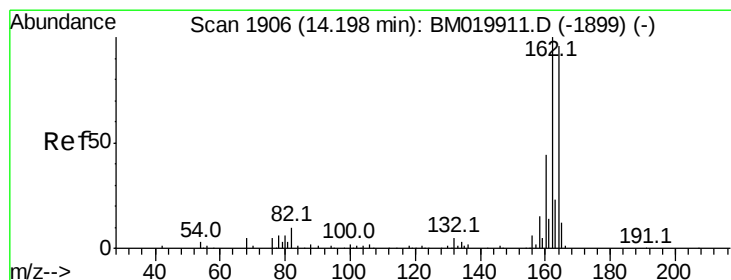
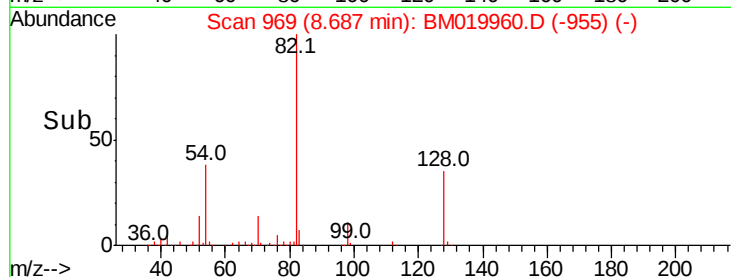
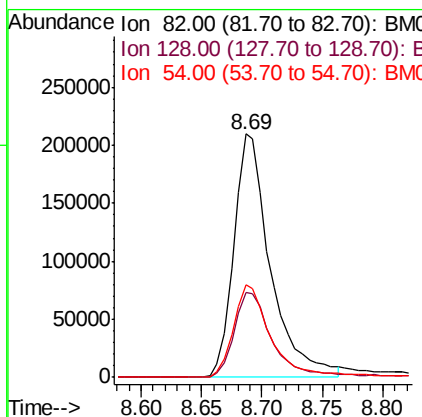
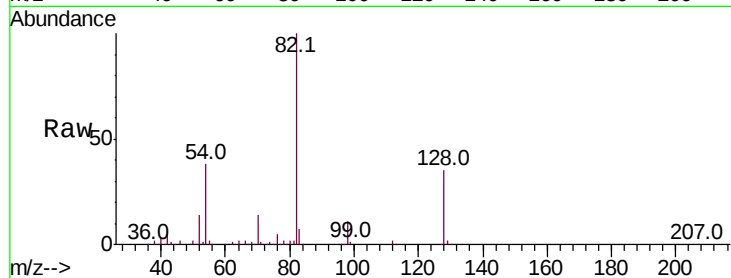




#23
Nitrobenzene-d5
Concen: 68.630 ng
RT: 8.69 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM019960.D
Acq: 18 Apr 2019 19:07

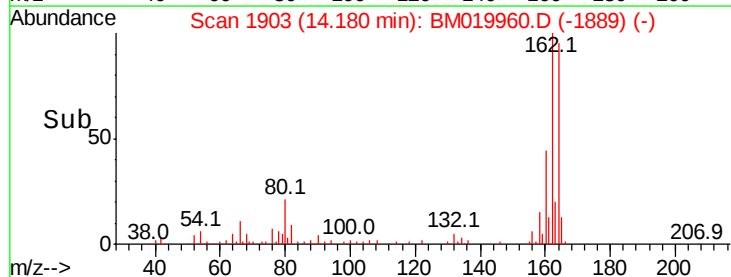
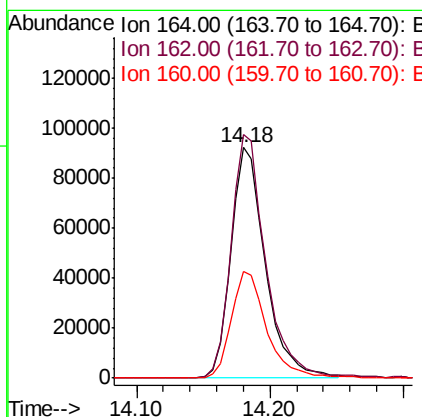
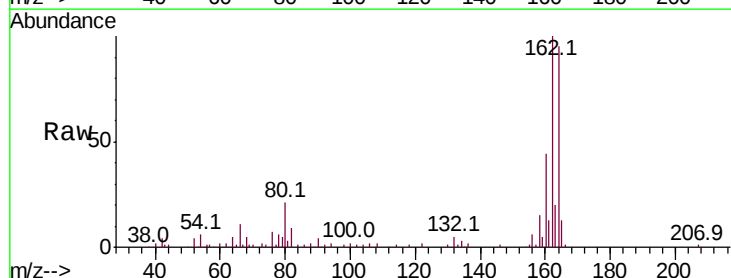
Instrument :
BNA_M
ClientSampled :

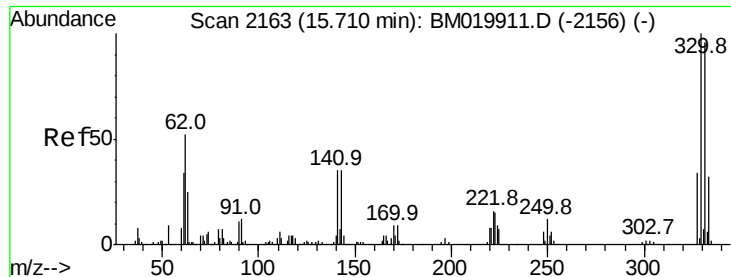
Tot Ion: 82 Resp: 443374
Ion Ratio Lower Upper
82 100
128 35.1 29.0 43.4
54 38.0 30.2 45.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BM019960.D
Acq: 18 Apr 2019 19:07

Tgt Ion:164 Resp: 166139
Ion Ratio Lower Upper
164 100
162 105.7 83.0 124.4
160 46.1 36.6 55.0

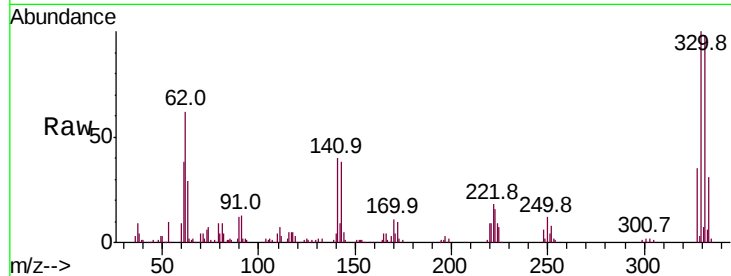




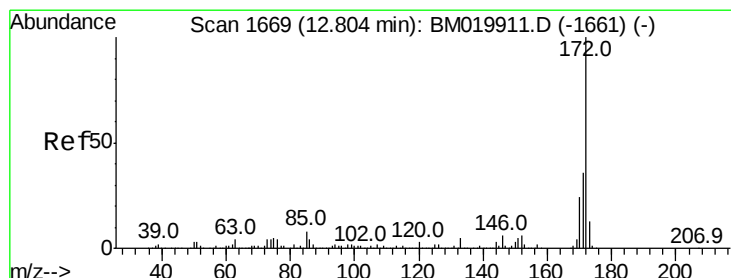
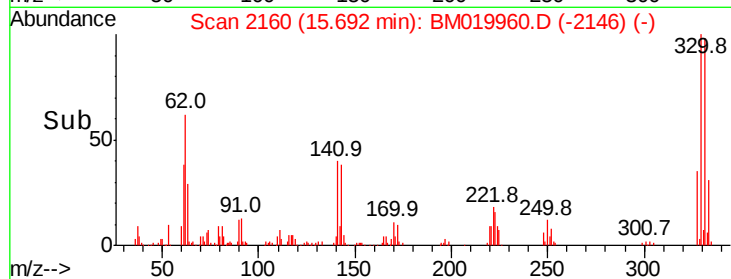
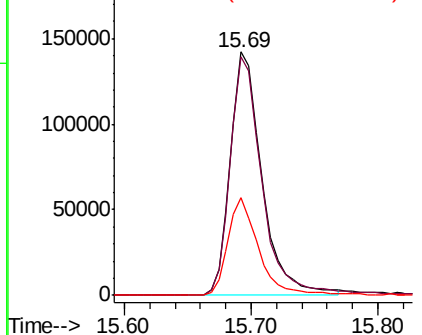
#42
 2,4,6-Tribromophenol
 Concen: 92.152 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BM019960.D
 Acq: 18 Apr 2019 19:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	38.7	29.0	43.4

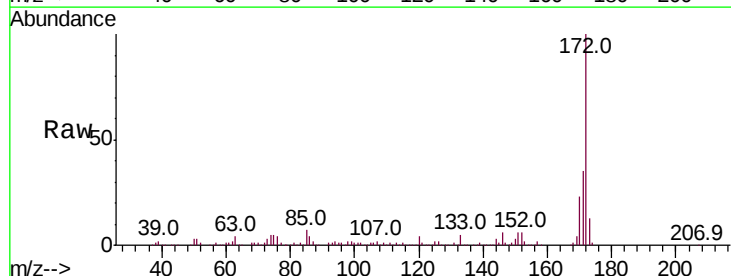


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

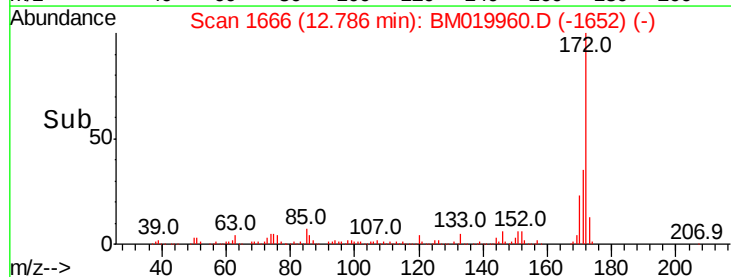
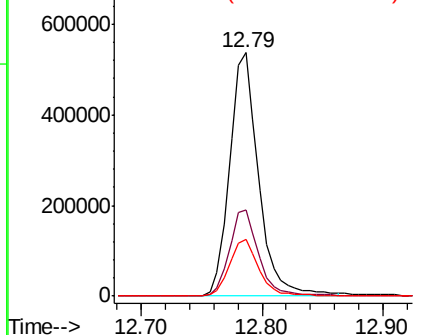


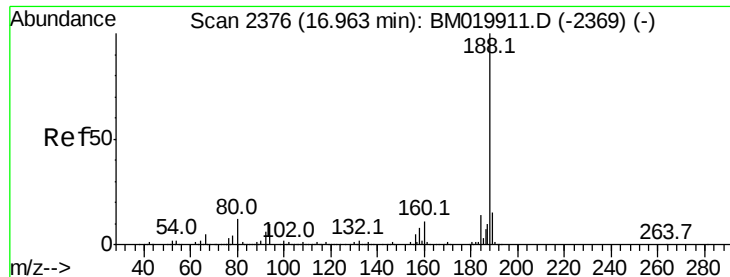
#45
 2-Fluorobiphenyl
 Concen: 67.600 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM019960.D
 Acq: 18 Apr 2019 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	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: 16.95 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BM019960.D

Acq: 18 Apr 2019 19:07

Instrument :

BNA_M

ClientSampleId :

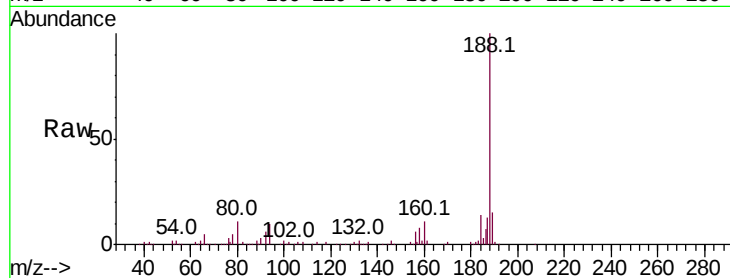
Tot Ion:188 Resp: 348513

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

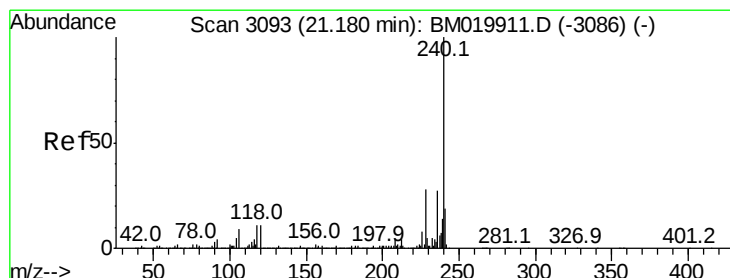
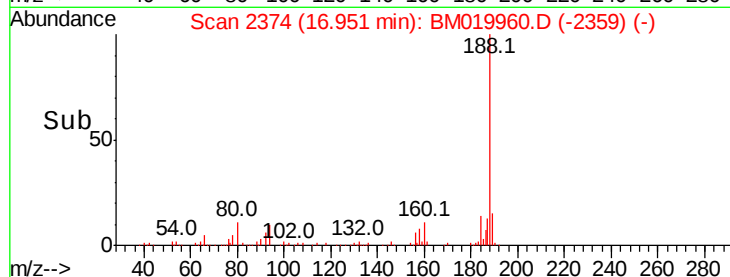
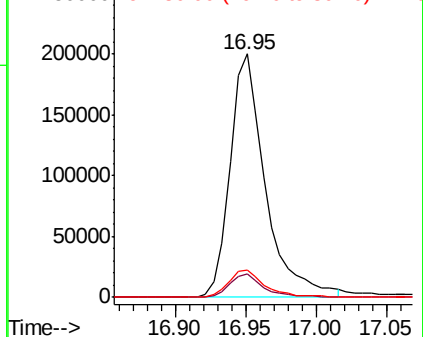
80 11.5 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.02 min

Lab File: BM019960.D

Acq: 18 Apr 2019 19:07

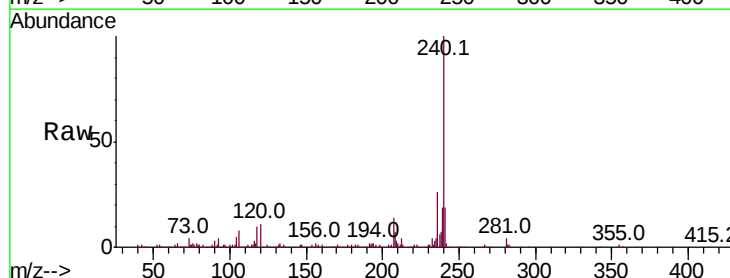
Tgt Ion:240 Resp: 363408

Ion Ratio Lower Upper

240 100

120 11.1 8.6 13.0

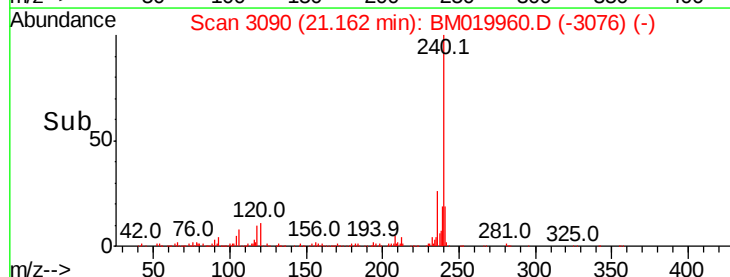
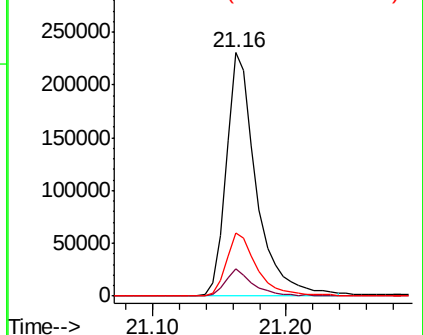
236 26.0 21.4 32.2

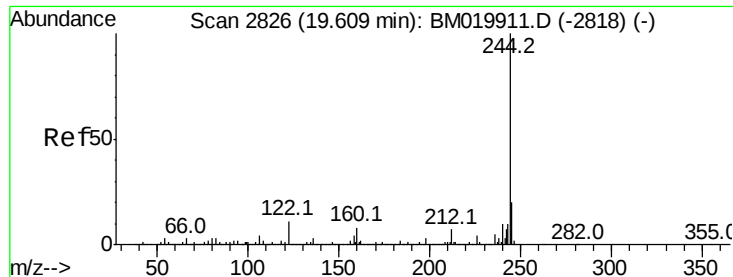


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.457 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BM019960.D

Acq: 18 Apr 2019 19:07

Instrument :

BNA_M

ClientSampleId :

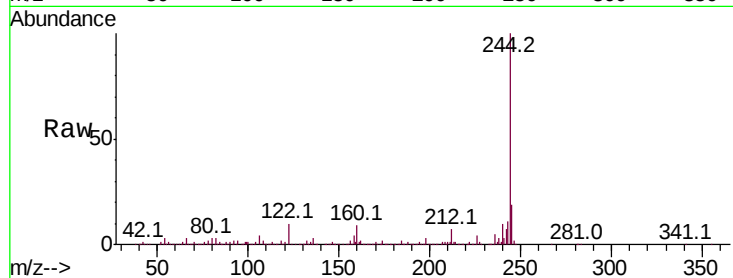
Tot Ion:244 Resp: 1431060

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

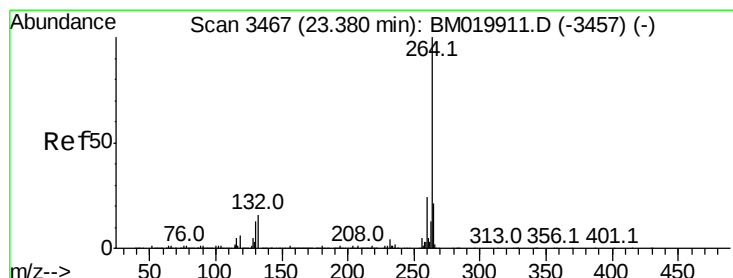
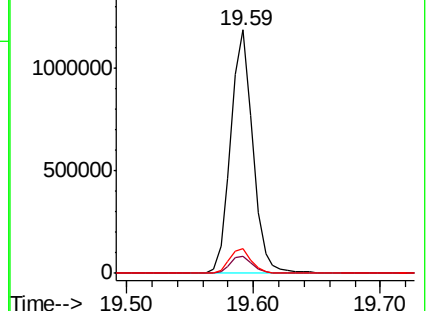
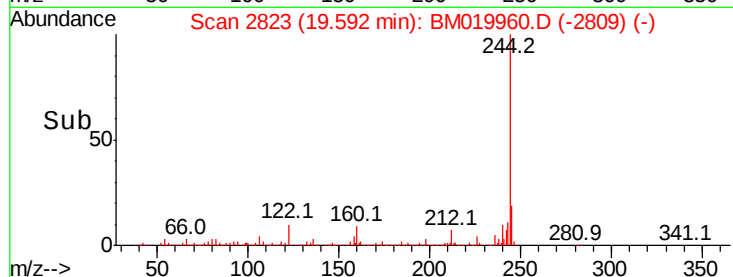
122 10.1 9.1 13.7



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: 23.36 min Scan# 3463

Delta R.T. -0.02 min

Lab File: BM019960.D

Acq: 18 Apr 2019 19:07

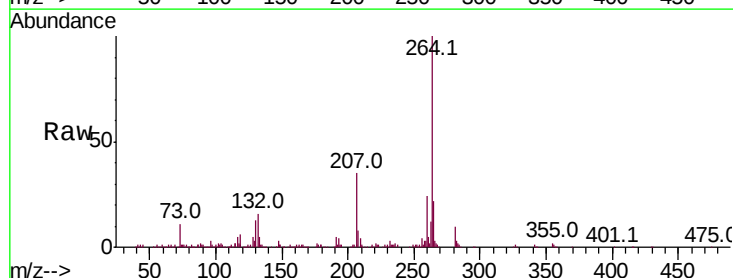
Tgt Ion:264 Resp: 458429

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.8 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

