

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041619\
 Data File : BM019928.D
 Acq On : 16 Apr 2019 11:45
 Operator : JU/SJ
 Sample : PB118322BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 16 16:44:37 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

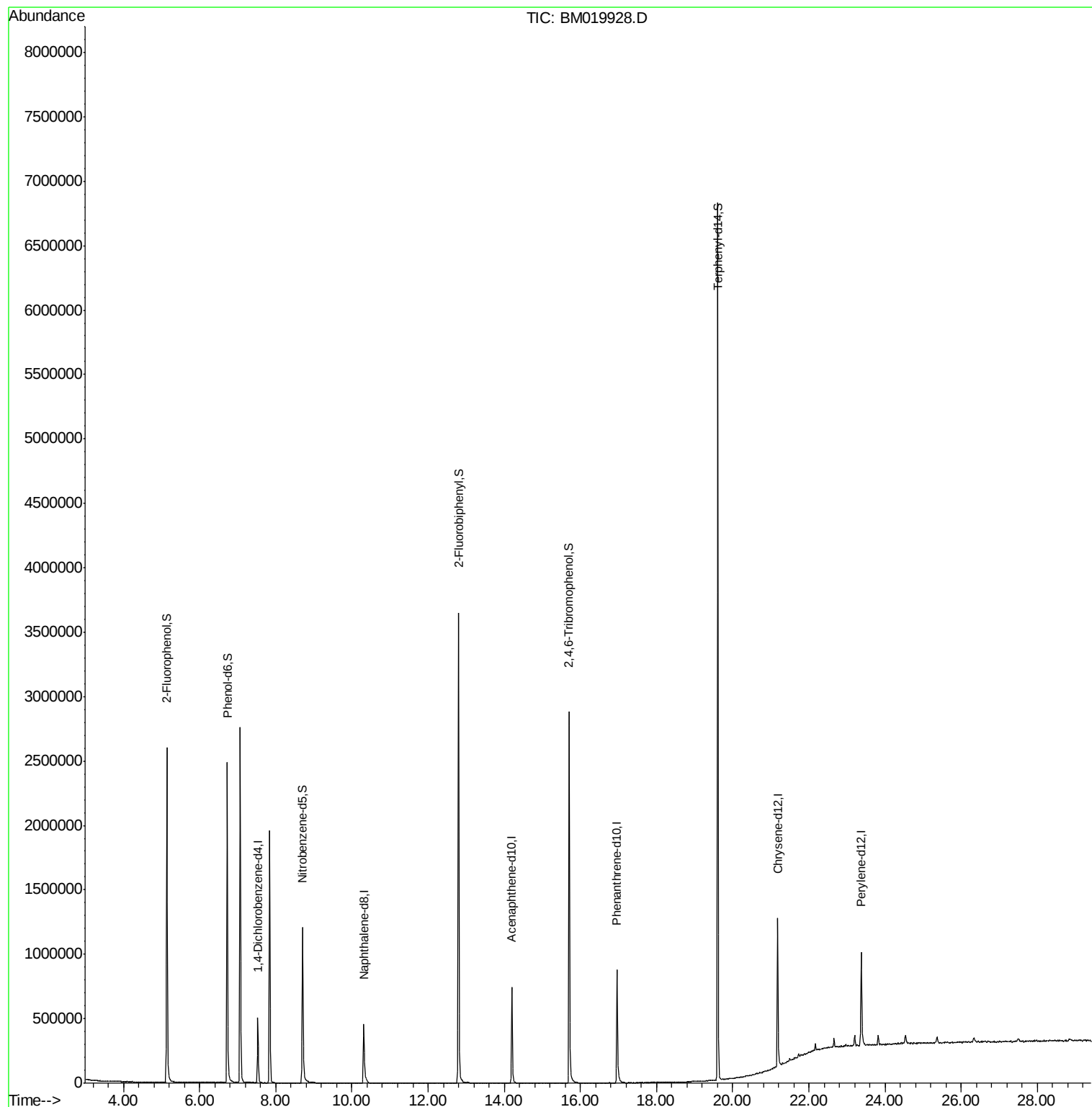
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	125204	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	462180	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	280132	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	607111	20.00	ng	0.00
76) Chrysene-d12	21.18	240	592672	20.00	ng	0.00
87) Perylene-d12	23.37	264	571761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1067584	138.19	ng	0.00
7) Phenol-d6	6.72	99	1463009	125.83	ng	0.00
23) Nitrobenzene-d5	8.70	82	870194	84.20	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	557221	123.57	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1890716	84.11	ng	0.00
79) Terphenyl-d14	19.61	244	2993469	89.09	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	3279	Below Cal	Qvalue #	7

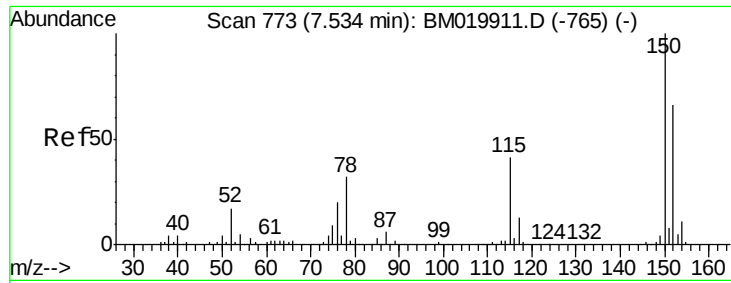
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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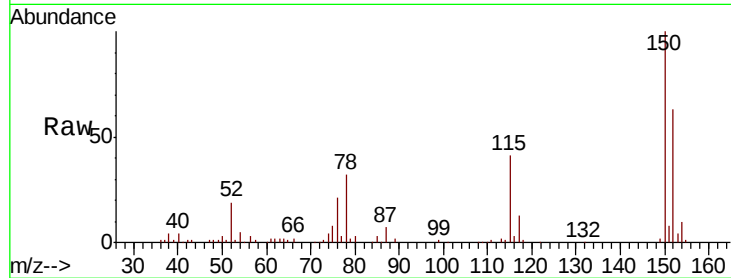




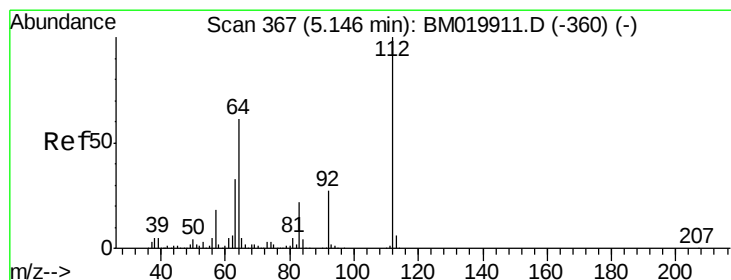
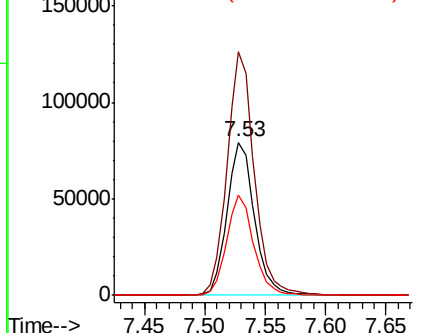
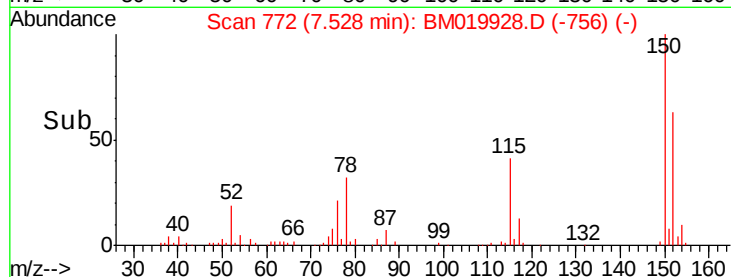
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.53 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BM019928.D
 Acq: 16 Apr 2019 11:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:152 Resp: 125204
 Ion Ratio Lower Upper
 152 100
 150 159.2 122.1 183.1
 115 65.7 50.0 75.0

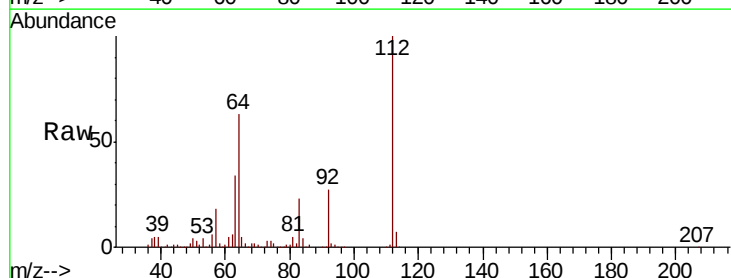


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

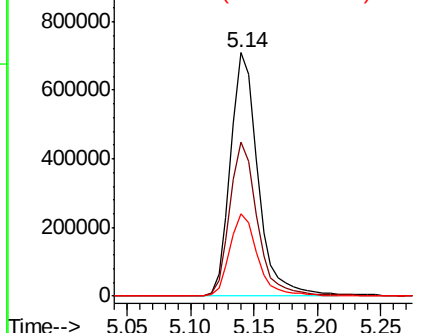
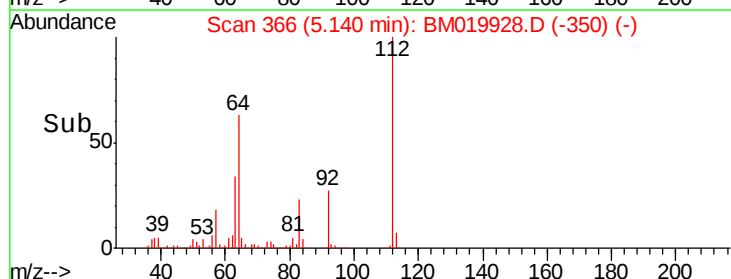


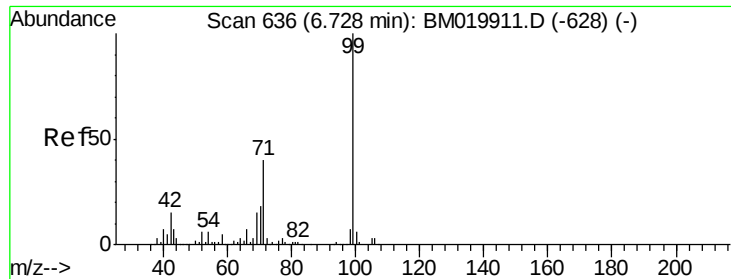
#5
 2-Fluorophenol
 Concen: 138.189 ng
 RT: 5.14 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: BM019928.D
 Acq: 16 Apr 2019 11:45

Tgt Ion:112 Resp: 1067584
 Ion Ratio Lower Upper
 112 100
 64 63.5 49.1 73.7
 63 34.1 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: 125.830 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019928.D

Acq: 16 Apr 2019 11:45

Instrument :

BNA_M

ClientSampled :

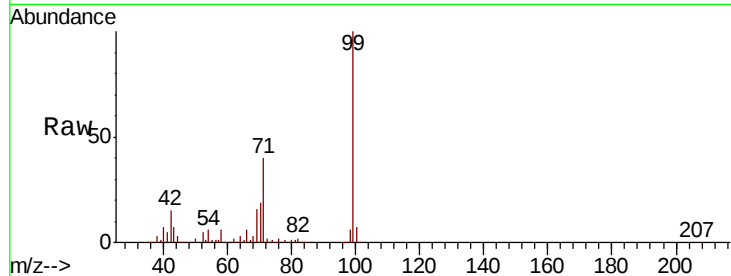
Tot Ion: 99 Resp: 1463009

Ion Ratio Lower Upper

99 100

42 15.2 11.8 17.8

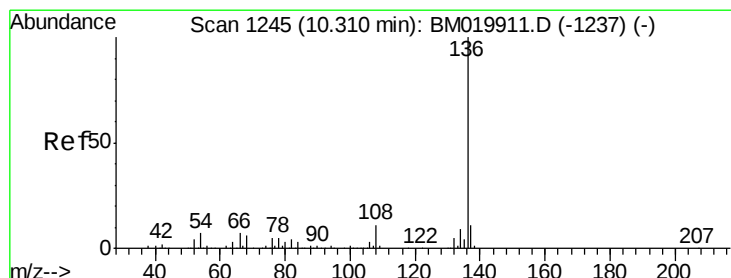
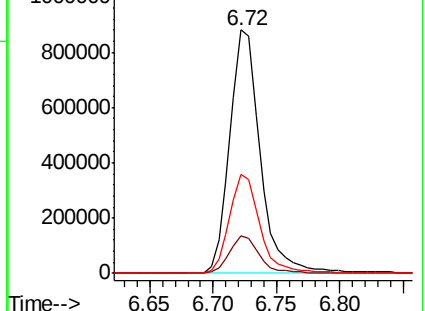
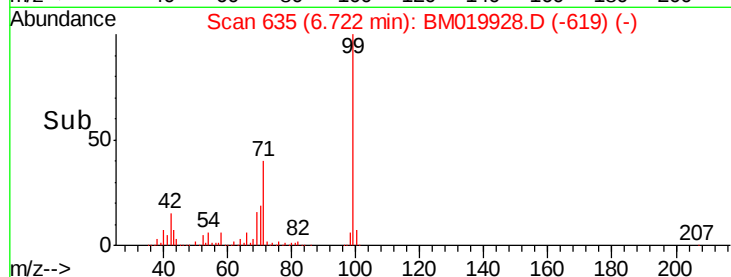
71 40.4 32.0 48.0



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: 10.31 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BM019928.D

Acq: 16 Apr 2019 11:45

Tgt Ion: 136 Resp: 462180

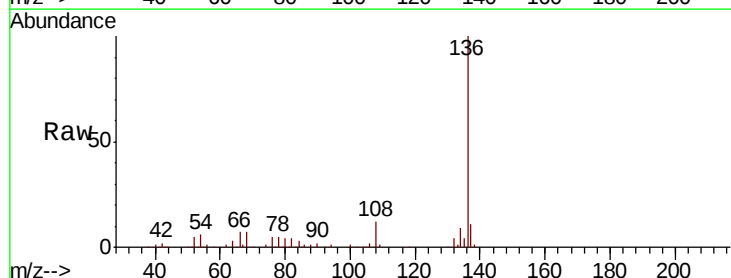
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 6.2 5.3 7.9

68 6.8 5.2 7.8

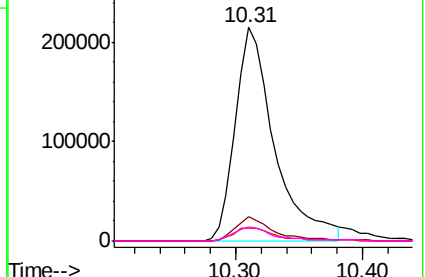
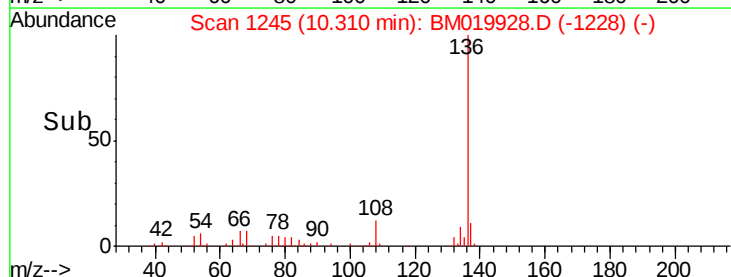


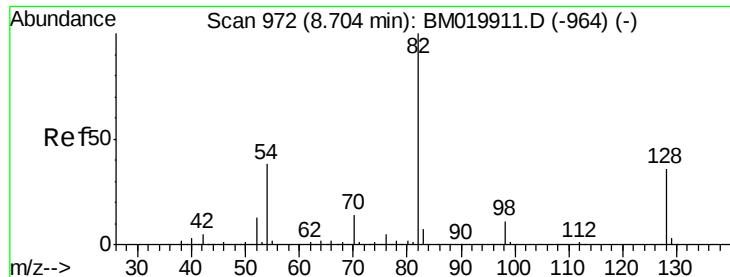
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

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) (-)

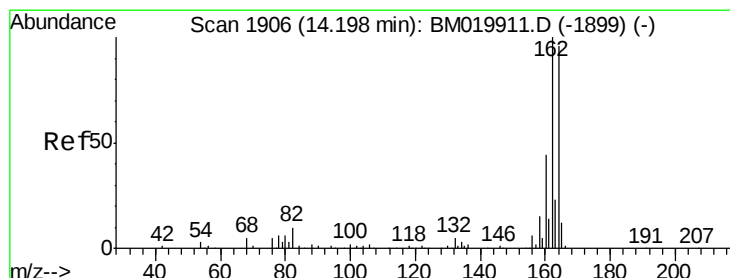
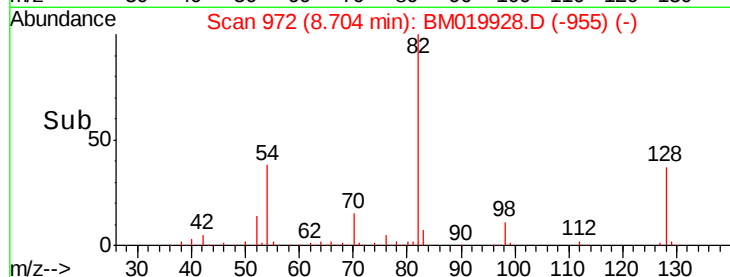
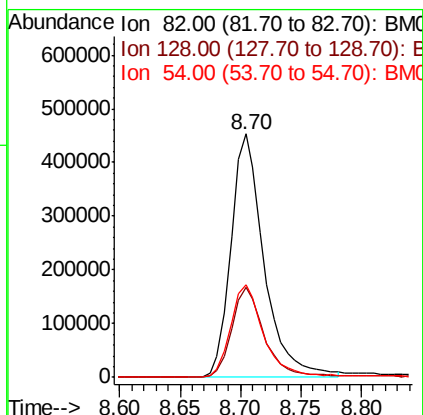
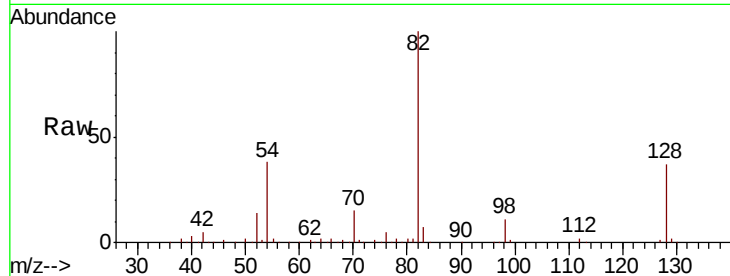




#23
 Nitrobenzene-d5
 Concen: 84.201 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM019928.D
 Acq: 16 Apr 2019 11:45

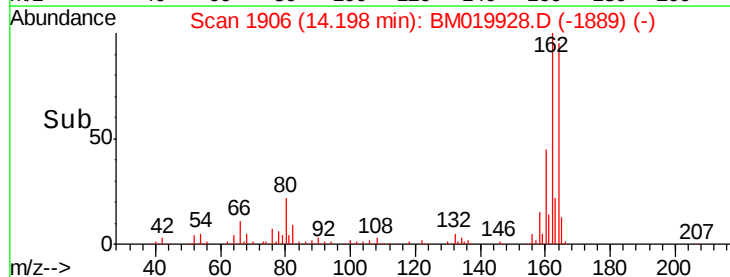
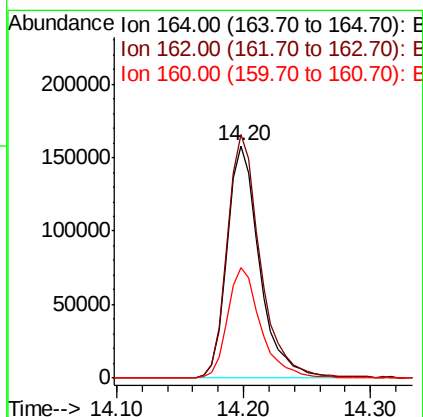
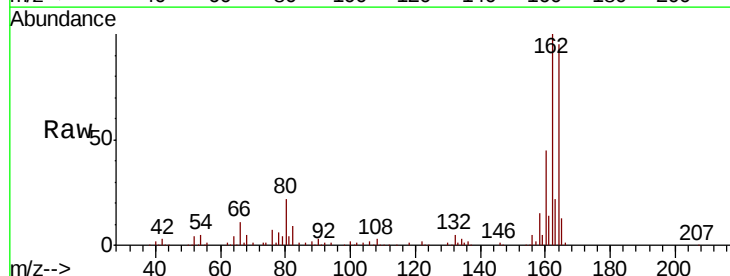
Instrument :
 BNA_M
 ClientSampleId :

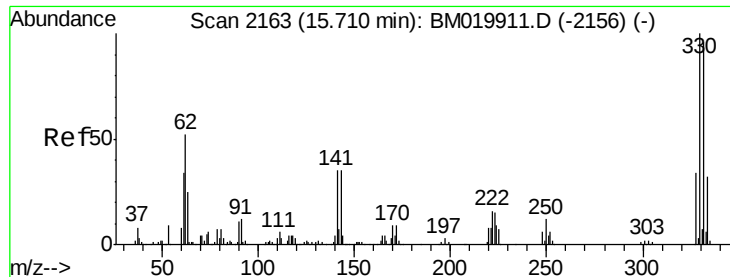
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.0	43.4
54	37.9	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.20 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BM019928.D
 Acq: 16 Apr 2019 11:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.4
160	47.4	36.6	55.0

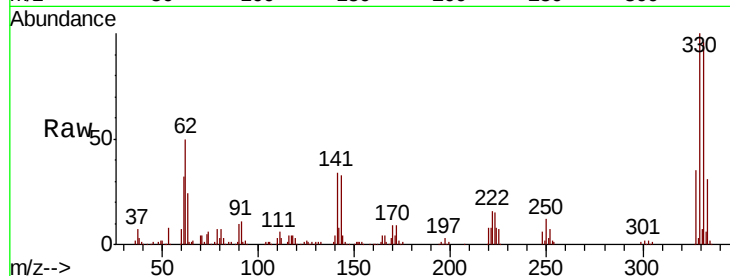




#42
 2,4,6-Tribromophenol
 Concen: 123.570 ng
 RT: 15.71 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BM019928.D
 Acq: 16 Apr 2019 11:45

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	37.8	29.0	43.4

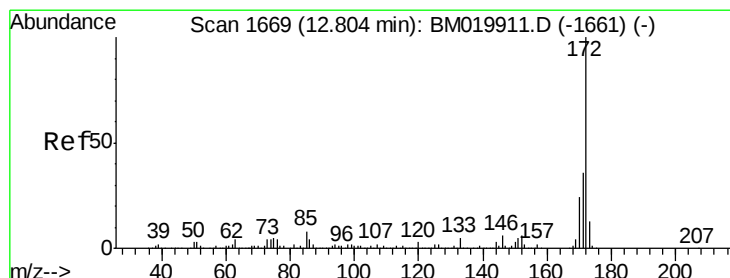
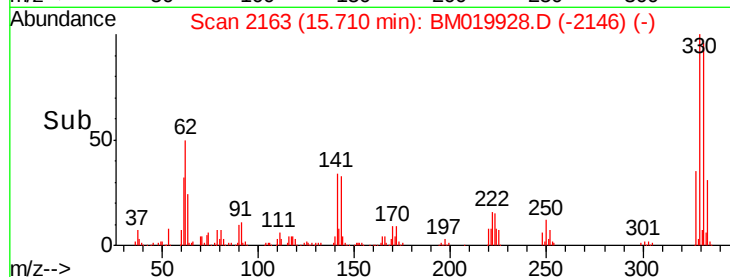
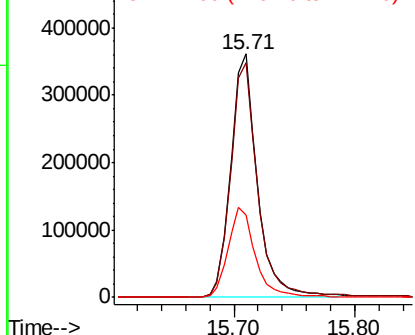


Abundance

Ion 329.80 (329.50 to 330.50): E

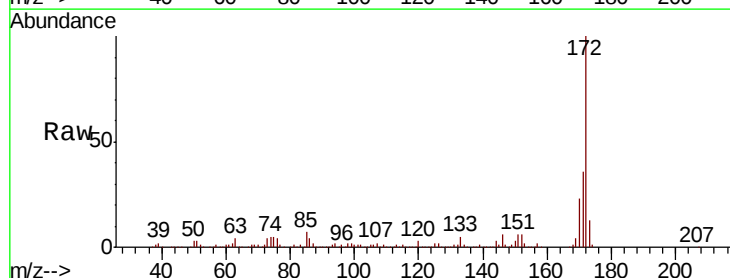
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.113 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BM019928.D
 Acq: 16 Apr 2019 11:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.5	19.0	28.4

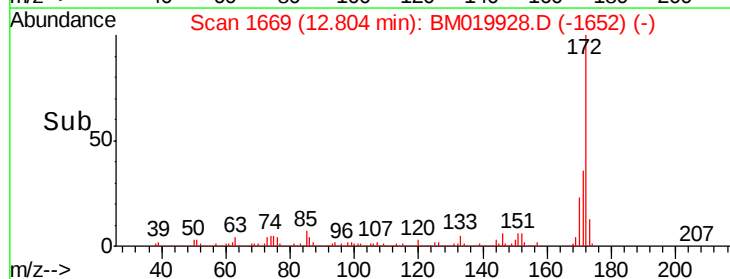
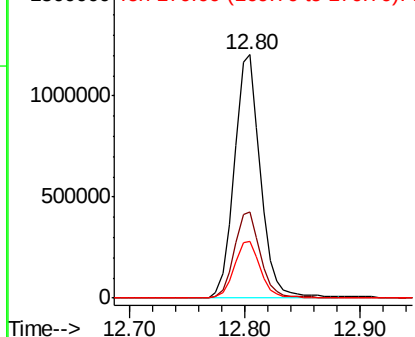


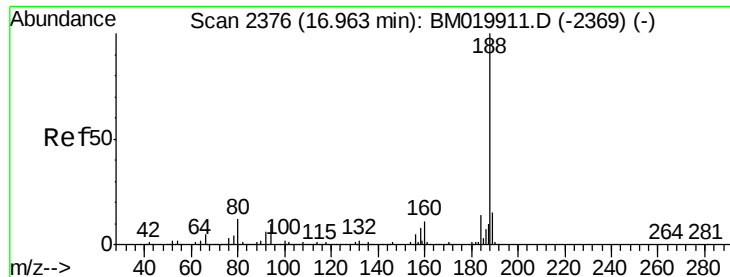
Abundance

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: 16.96 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BM019928.D

Acq: 16 Apr 2019 11:45

Instrument :

BNA_M

ClientSampleId :

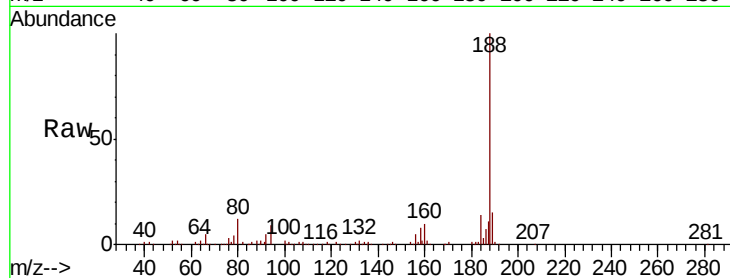
Tot Ion:188 Resp: 607111

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

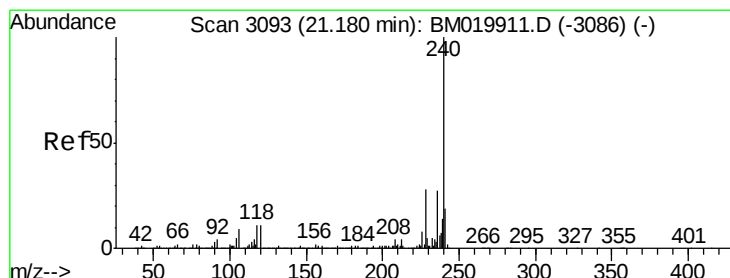
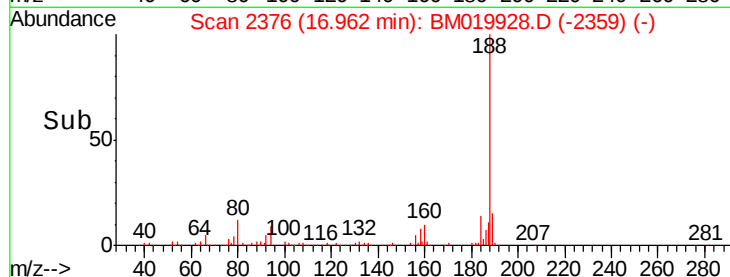
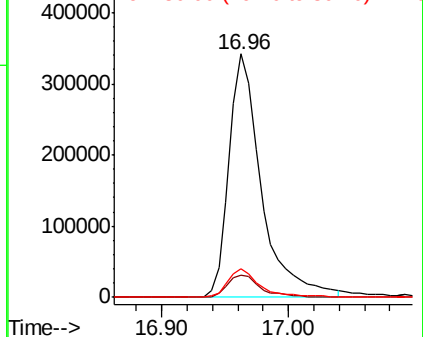
80 11.6 9.4 14.0



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: 21.18 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM019928.D

Acq: 16 Apr 2019 11:45

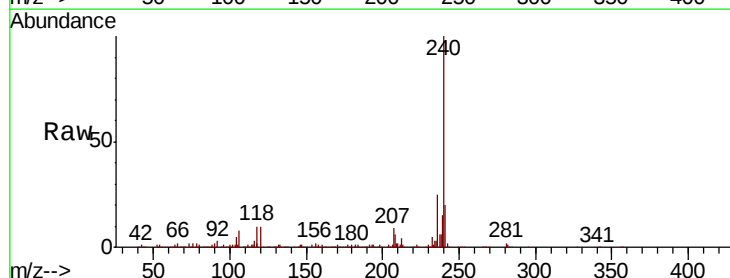
Tgt Ion:240 Resp: 592672

Ion Ratio Lower Upper

240 100

120 10.1 8.6 13.0

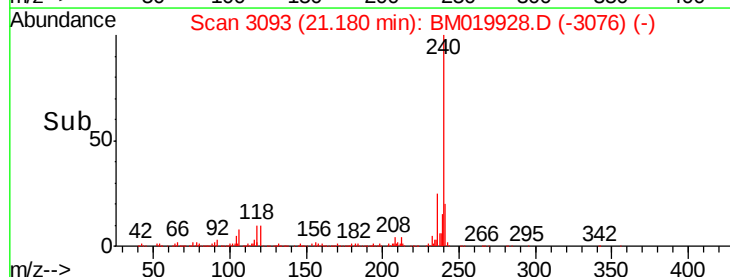
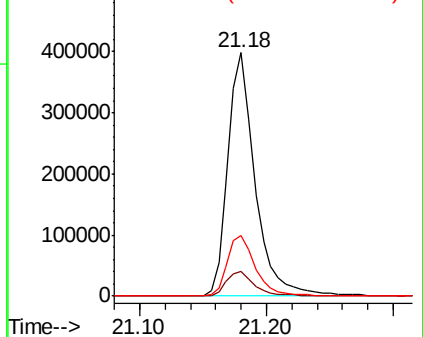
236 25.1 21.4 32.2

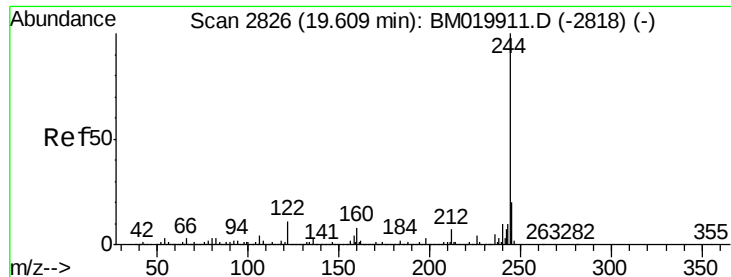


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.087 ng

RT: 19.61 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BM019928.D

Acq: 16 Apr 2019 11:45

Instrument :

BNA_M

ClientSampleId :

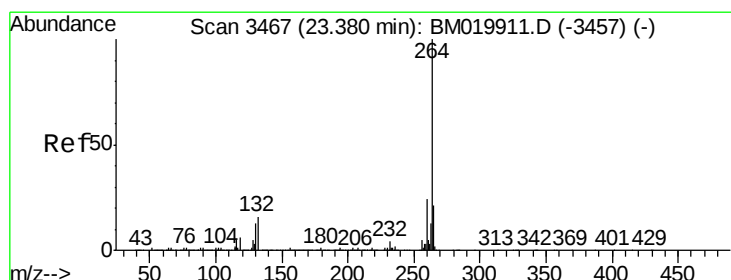
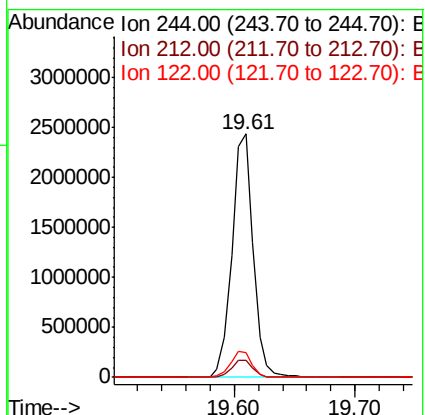
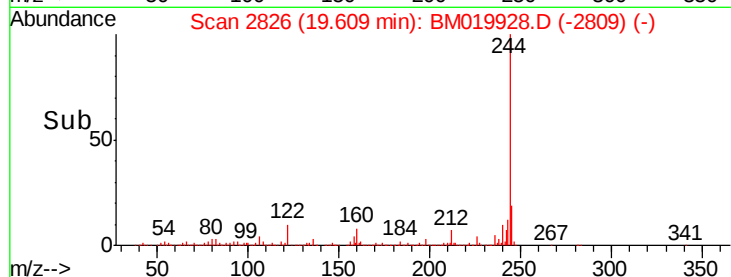
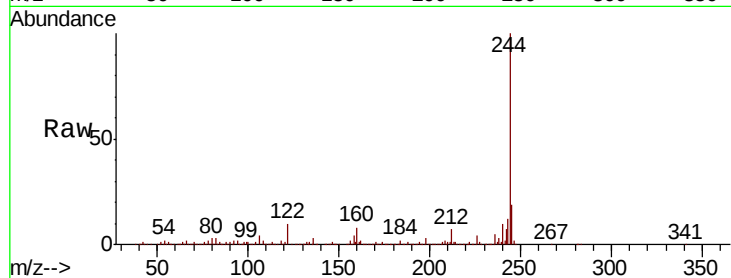
Tot Ion:244 Resp: 2993469

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.1 9.1 13.7



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BM019928.D

Acq: 16 Apr 2019 11:45

Tgt Ion:264 Resp: 571761

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.1 17.2 25.8

