

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081217\
 Data File : BM011219.D
 Acq On : 12 Aug 2017 14:56
 Operator : SJ/JU
 Sample : I4695-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-080917

Quant Time: Aug 14 04:01:30 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	99524	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	310601	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	226990	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	543602	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	701104	20.00	ng	-0.08
86) Perylene-d12	23.02	264	696073	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	188377	32.00	ng	-0.09
7) Phenol-d6	6.49	99	217122	25.96	ng	-0.10
23) Nitrobenzene-d5	8.44	82	223447	27.00	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	90157	24.78	ng	-0.08
44) 2-Fluorobiphenyl	12.57	172	391746	21.64	ng	-0.09
78) Terphenyl-d14	19.39	244	670964	18.96	ng	-0.08

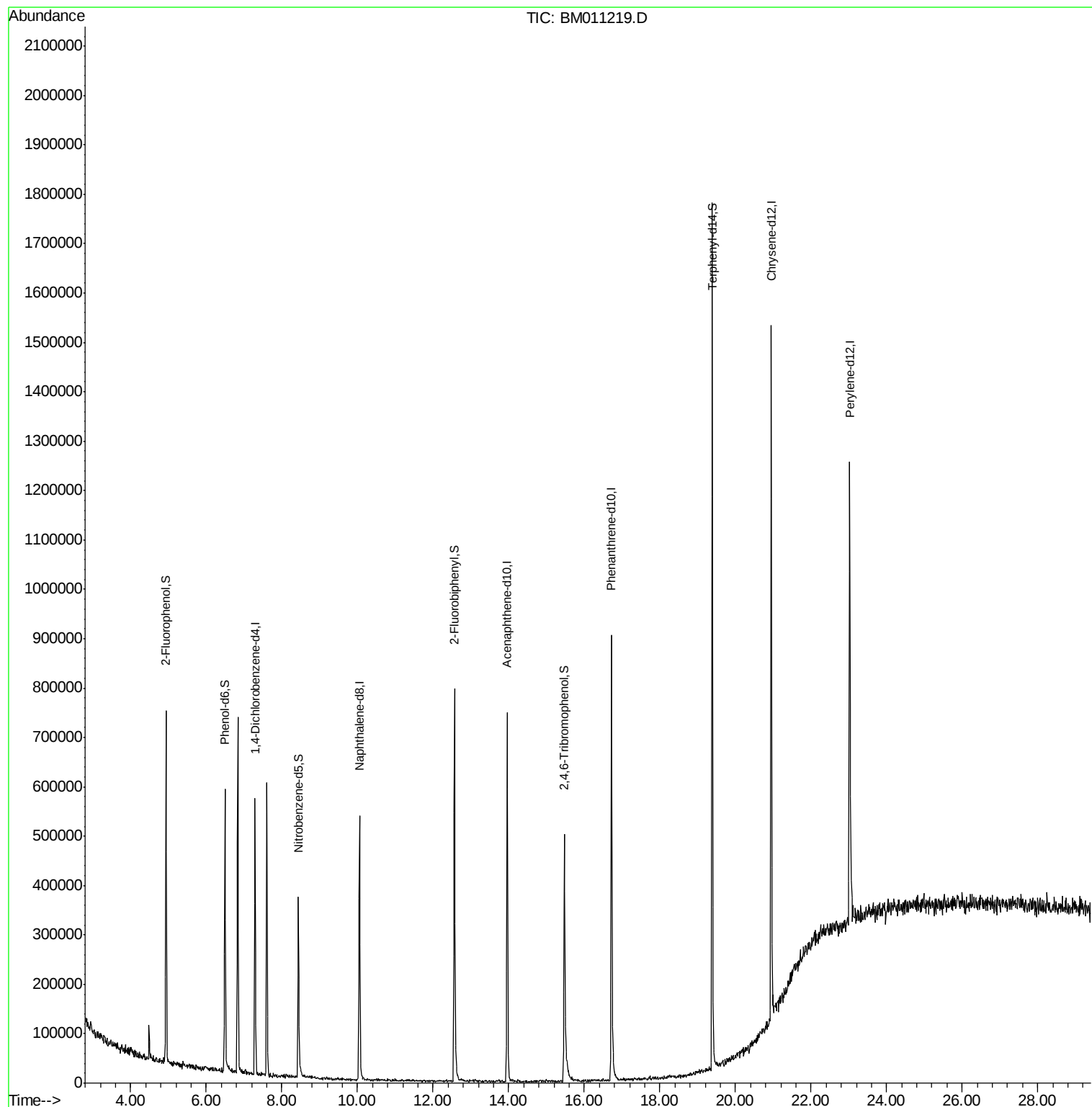
Target Compounds Qvalue

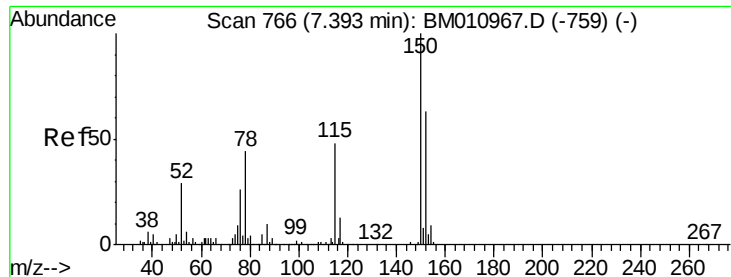
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 766

Delta R.T. -0.10 min

Lab File: BM011219.D

Acq: 12 Aug 2017 14:56

Instrument :

BNA_M

ClientSampleId :

TR-04-080917

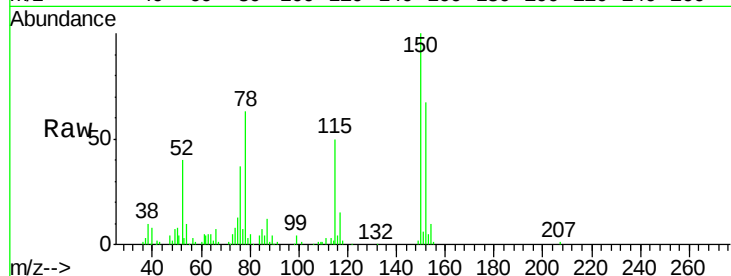
Tot Ion:152 Resp: 99524

Ion Ratio Lower Upper

152 100

150 148.8 119.5 179.3

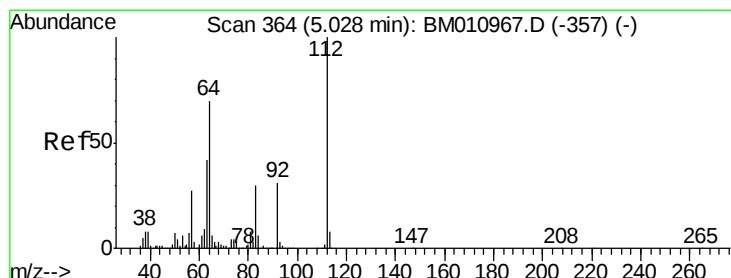
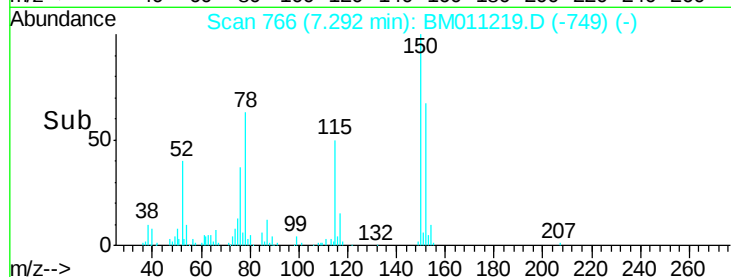
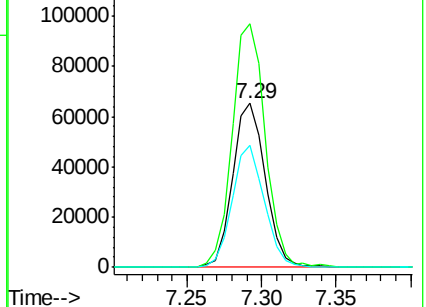
115 74.5 43.0 64.4#



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: 32.00 ng

RT: 4.93 min Scan# 365

Delta R.T. -0.09 min

Lab File: BM011219.D

Acq: 12 Aug 2017 14:56

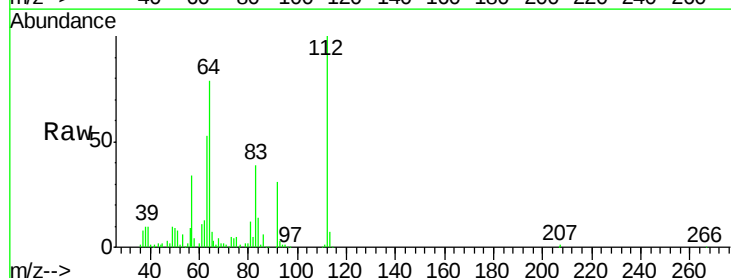
Tgt Ion:112 Resp: 188377

Ion Ratio Lower Upper

112 100

64 79.4 38.6 57.8#

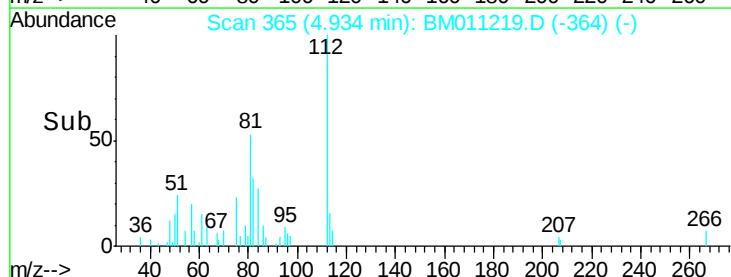
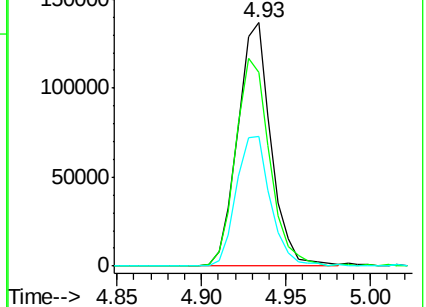
63 53.4 19.3 28.9#

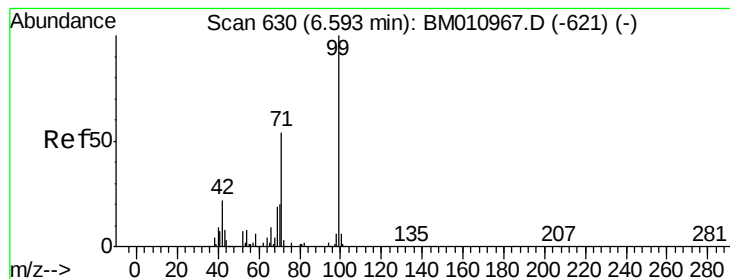


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 25.96 ng

RT: 6.49 min Scan# 630

Delta R.T. -0.10 min

Lab File: BM011219.D

Acq: 12 Aug 2017 14:56

Instrument :

BNA_M

ClientSampleId :

TR-04-080917

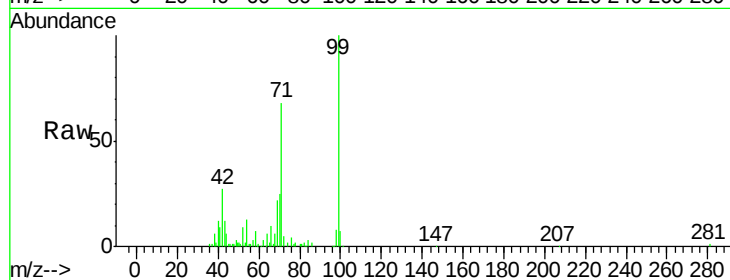
Tot Ion: 99 Resp: 217122

Ion Ratio Lower Upper

99 100

42 27.5 11.0 16.4#

71 68.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011219.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011219.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011219.D (-630) (-)

6.49

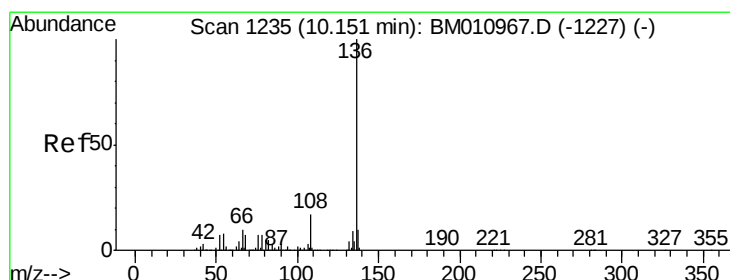
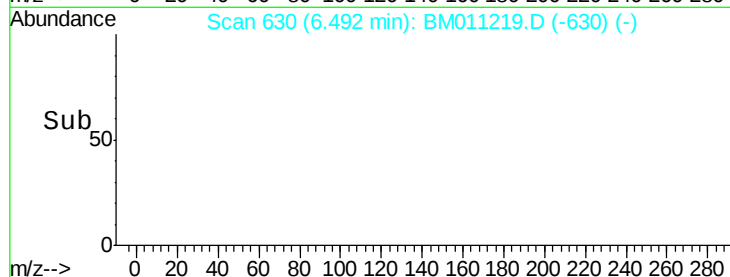
150000

100000

50000

0

Time--> 6.40 6.45 6.50 6.55



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011219.D

Acq: 12 Aug 2017 14:56

Tgt Ion: 136 Resp: 310601

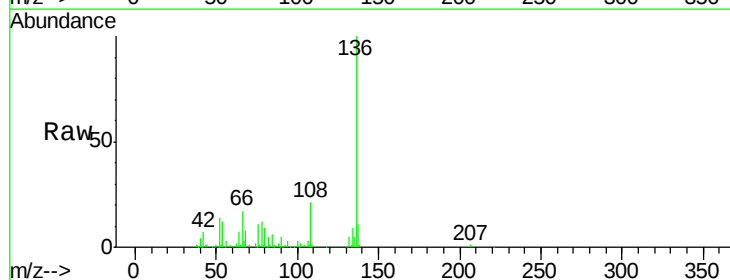
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.6 4.6 6.8#

68 7.6 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011219.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011219.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011219.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011219.D (-1235) (-)

10.05

250000

200000

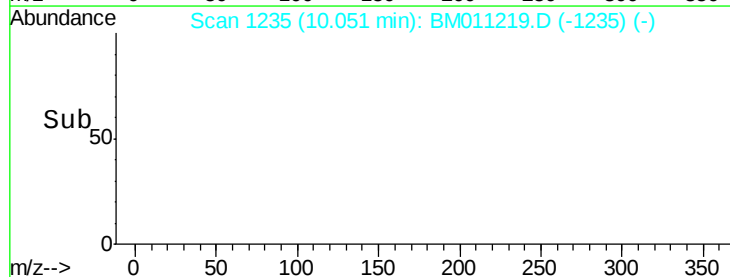
150000

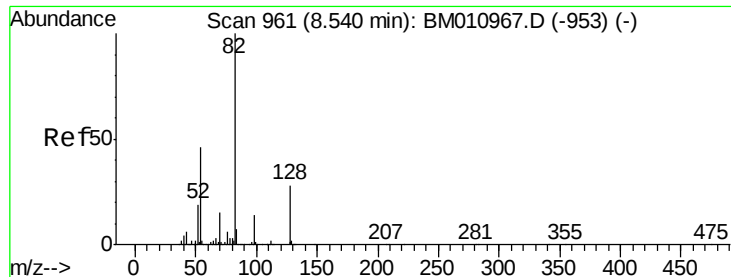
100000

50000

0

Time--> 10.00 10.05 10.10

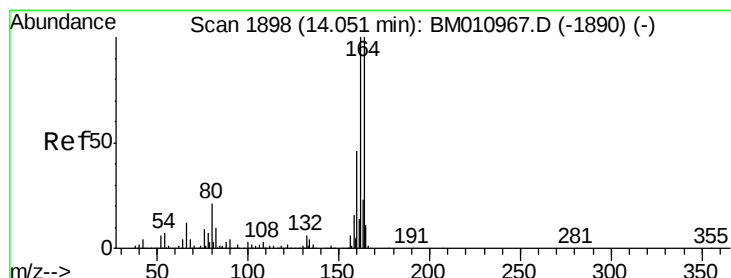
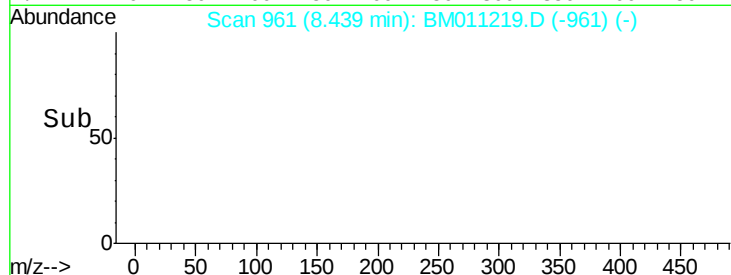
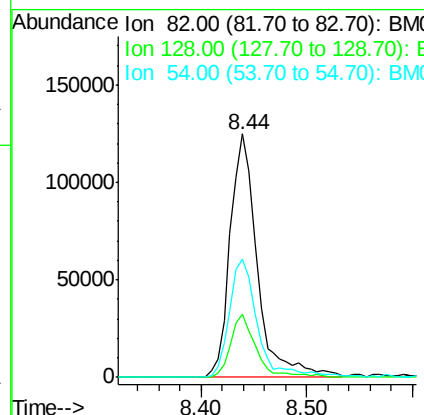
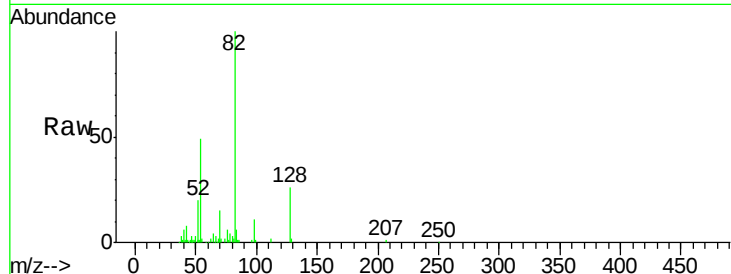




#23
 Nitrobenzene-d5
 Concen: 27.00 ng
 RT: 8.44 min Scan# 961
 Delta R.T. -0.10 min
 Lab File: BM011219.D
 Acq: 12 Aug 2017 14:56

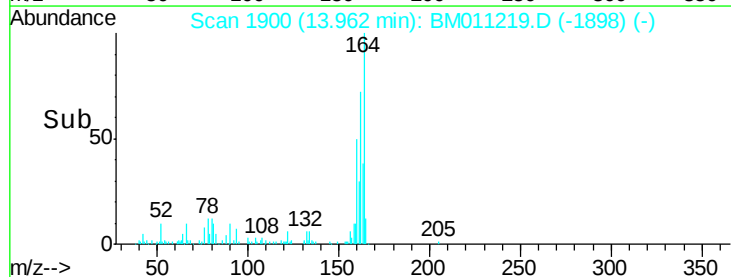
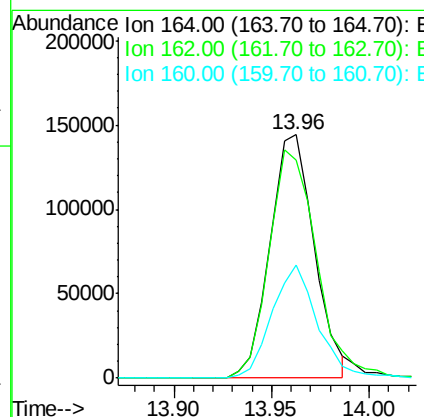
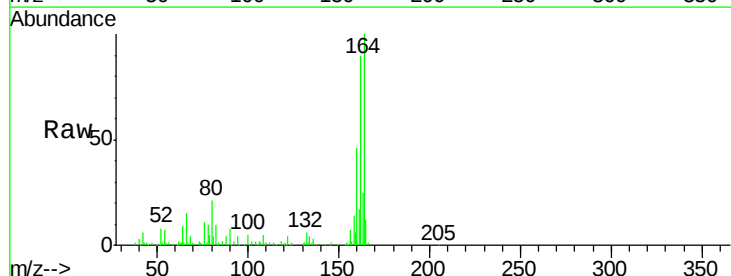
Instrument :
 BNA_M
 ClientSampleId :
 TR-04-080917

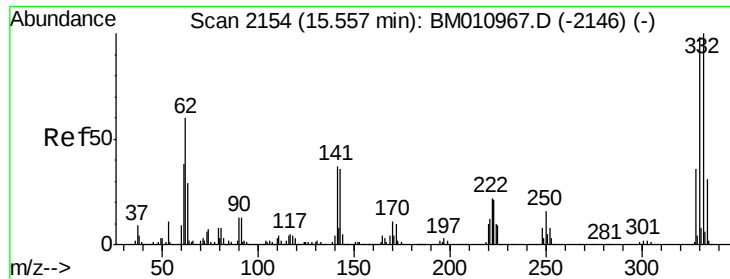
Tot Ion	82	Resp	223447
Ion Ratio	Lower	Upper	
82	100		
128	25.8	32.8	49.2#
54	48.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1900
 Delta R.T. -0.09 min
 Lab File: BM011219.D
 Acq: 12 Aug 2017 14:56

Tgt Ion	164	Resp	226990
Ion Ratio	Lower	Upper	
164	100		
162	89.8	82.4	123.6
160	46.4	35.8	53.6

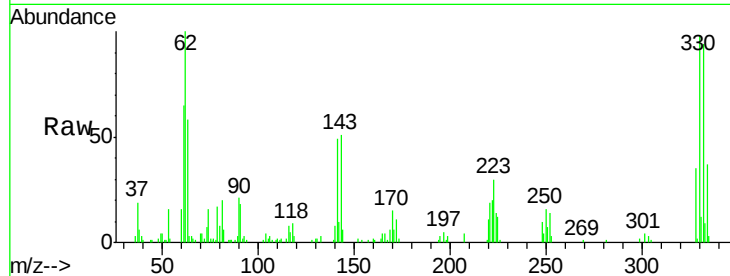




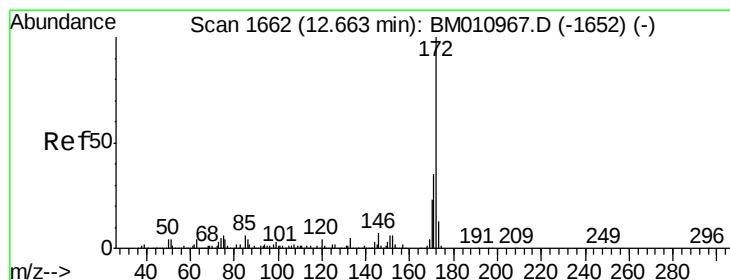
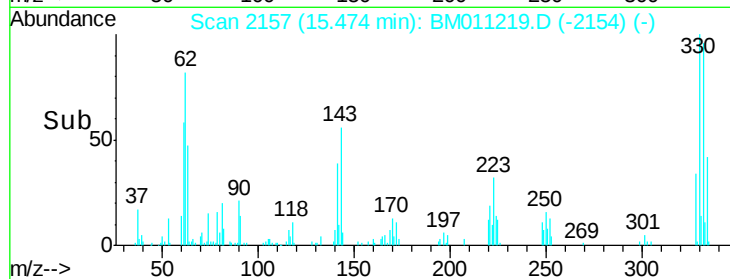
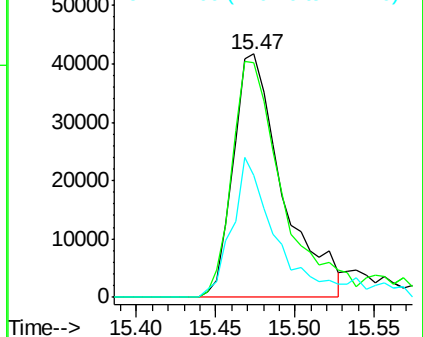
#41
 2,4,6-Tribromophenol
 Concen: 24.78 ng
 RT: 15.47 min Scan# 2157
 Delta R.T. -0.08 min
 Lab File: BM011219.D
 Acq: 12 Aug 2017 14:56

Instrument :
 BNA_M
 ClientSampled :
 TR-04-080917

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	0.0	0.0#
141	51.1	0.0	0.0#

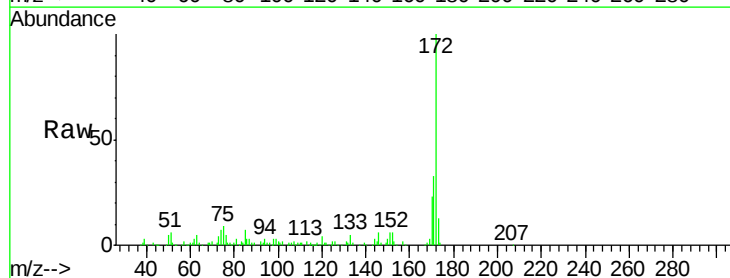


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

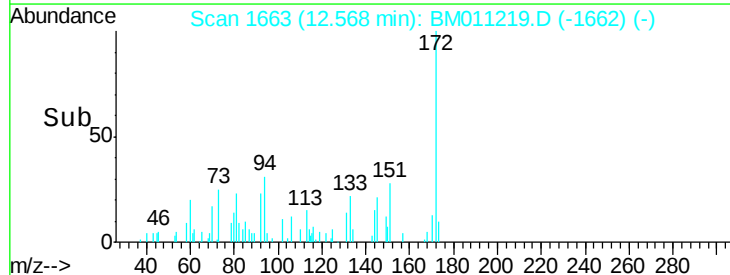
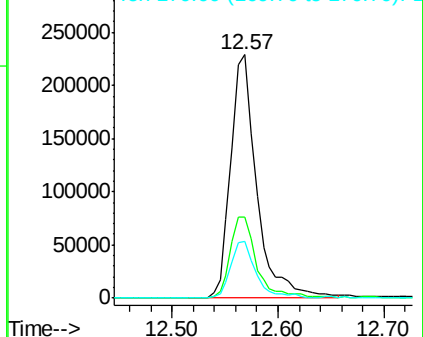


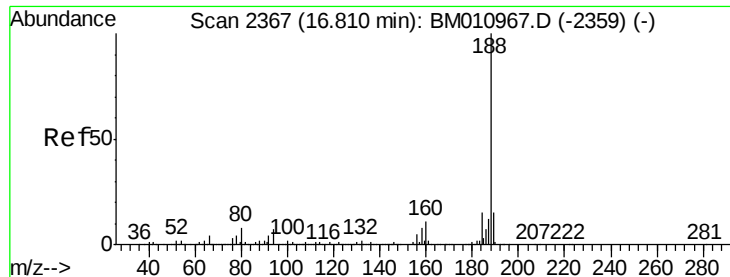
#44
 2-Fluorobiphenyl
 Concen: 21.64 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. -0.09 min
 Lab File: BM011219.D
 Acq: 12 Aug 2017 14:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.3	28.5	42.7
170	23.2	18.8	28.2



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

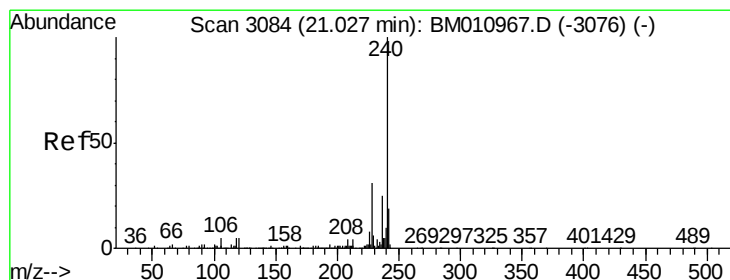
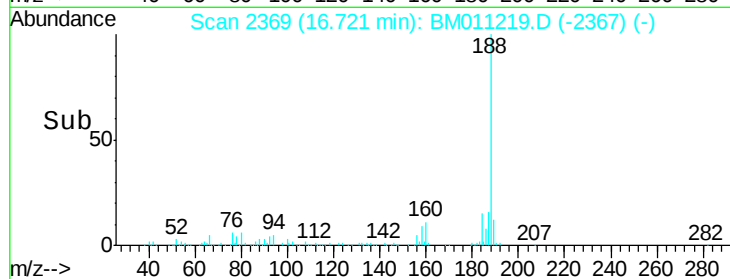
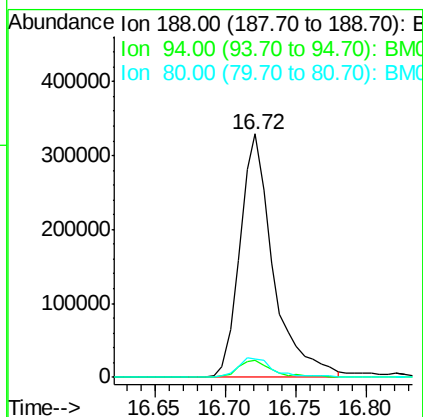
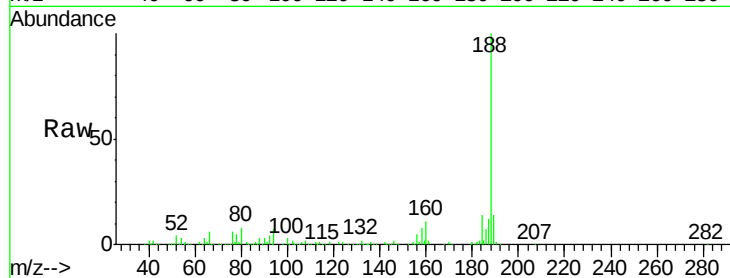




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011219.D
Acq: 12 Aug 2017 14:56

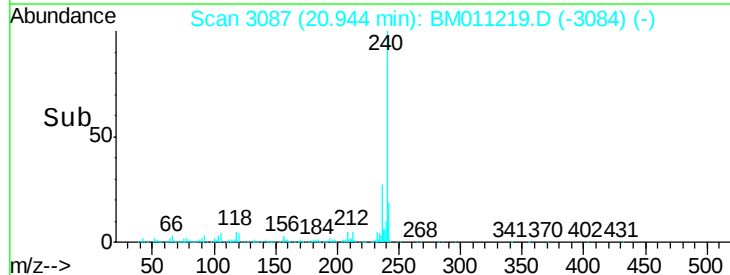
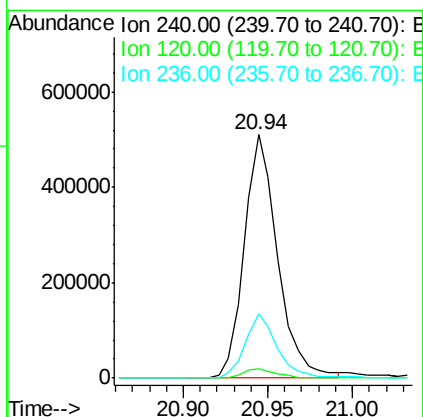
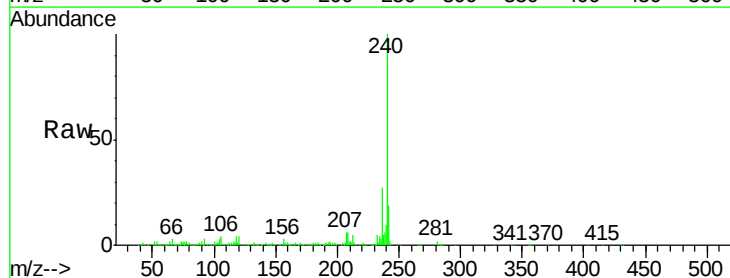
Instrument :
BNA_M
ClientSampleId :
TR-04-080917

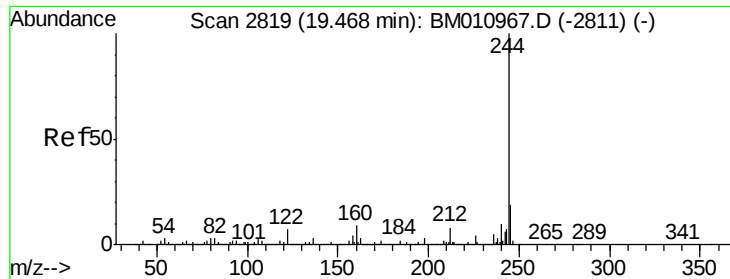
Tot Ion:188 Resp: 543602
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 7.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011219.D
Acq: 12 Aug 2017 14:56

Tgt Ion:240 Resp: 701104
Ion Ratio Lower Upper
240 100
120 3.6 8.2 12.2#
236 26.7 20.0 30.0





#78

Terphenyl-d14

Concen: 18.96 ng

RT: 19.39 min Scan# 2822

Delta R.T. -0.08 min

Lab File: BM011219.D

Acq: 12 Aug 2017 14:56

Instrument :

BNA_M

ClientSampleId :

TR-04-080917

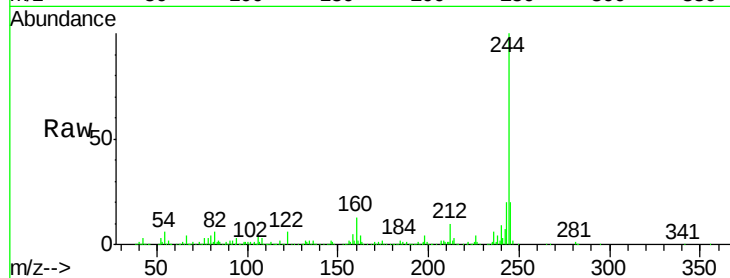
Tot Ion:244 Resp: 670964

Ion Ratio Lower Upper

244 100

212 9.8 4.9 7.3#

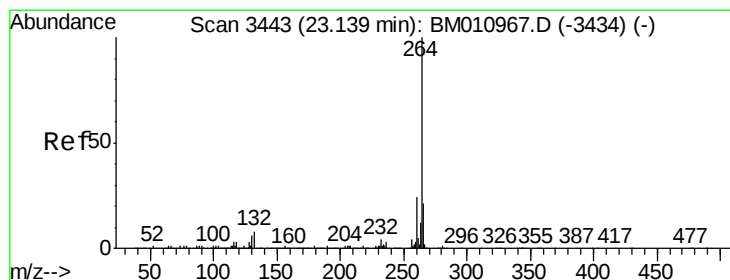
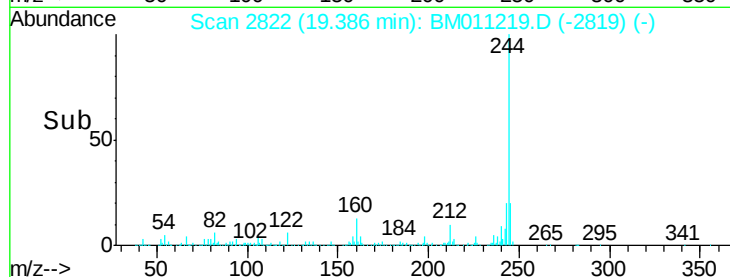
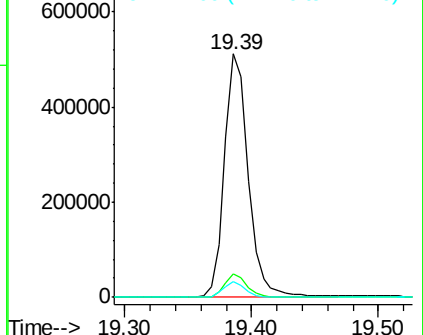
122 6.4 6.2 9.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.02 min Scan# 3440

Delta R.T. -0.12 min

Lab File: BM011219.D

Acq: 12 Aug 2017 14:56

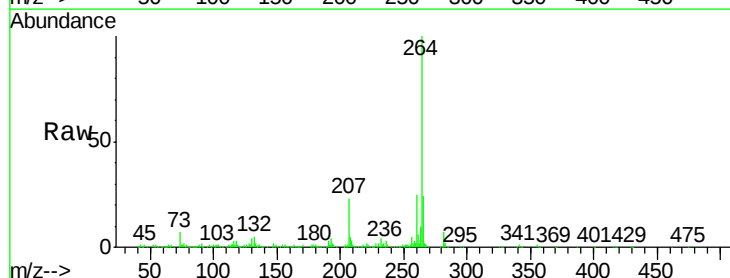
Tgt Ion:264 Resp: 696073

Ion Ratio Lower Upper

264 100

260 25.3 18.6 27.8

265 24.5 17.3 25.9



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

