

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
 Data File : BM017907.D
 Acq On : 04 Dec 2018 17:58
 Operator : JU/SJ
 Sample : J5765-05 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 04 18:34:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 16:11:55 2018
 Response via : Initial Calibration

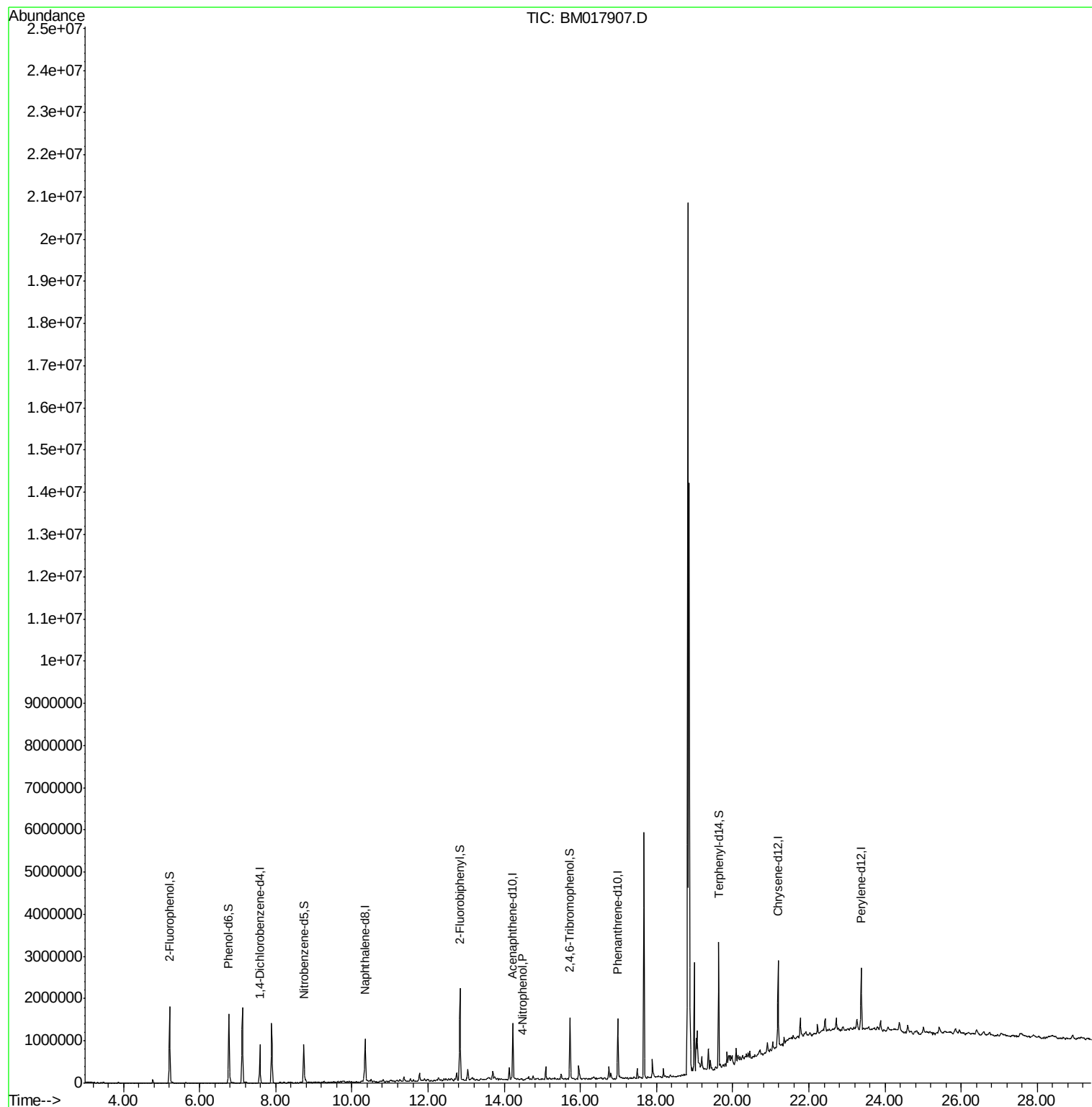
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	245489	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	891210	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	426317	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	844927	20.00	ng	0.00
76) Chrysene-d12	21.19	240	933543	20.00	ng	0.00
87) Perylene-d12	23.37	264	1029403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	766617	52.70	ng	0.00
7) Phenol-d6	6.77	99	973854	47.94	ng	0.00
23) Nitrobenzene-d5	8.73	82	563709	32.65	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	287857	46.99	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	1180799	35.93	ng	0.00
79) Terphenyl-d14	19.63	244	1424710	34.59	ng	0.00
Target Compounds						
56) 4-Nitrophenol	14.48	139	819	5.065	ng	Qvalue # 6

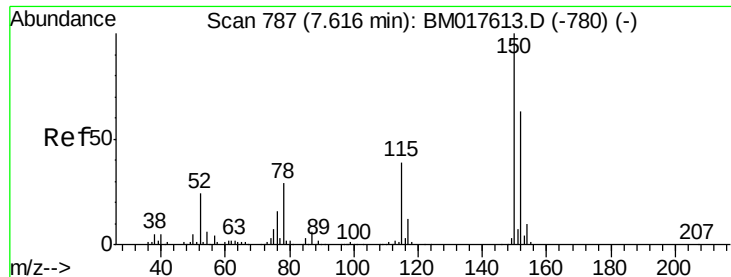
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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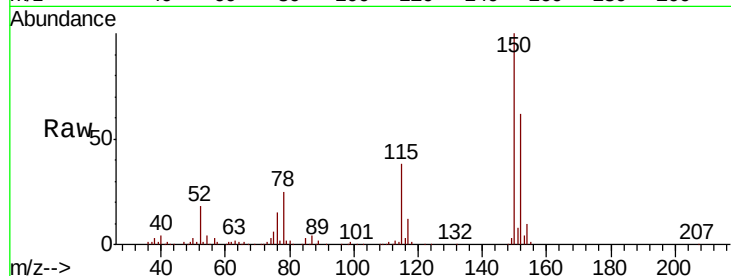


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.00 min
Lab File: BM017907.D
Acq: 04 Dec 2018 17:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	126.4	189.6
115	61.0	49.4	74.0

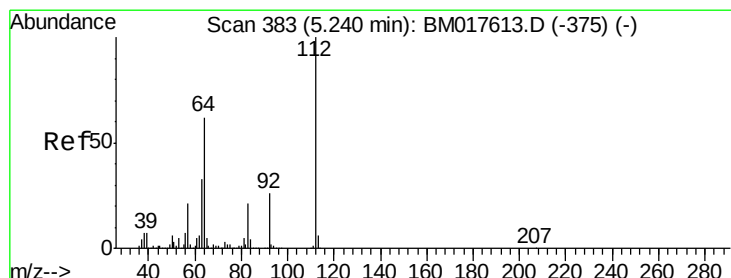
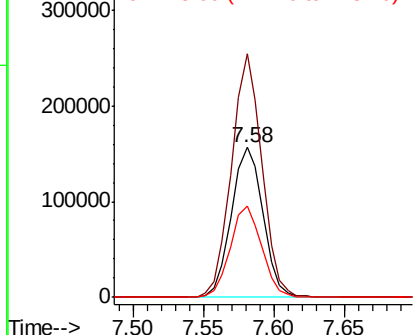
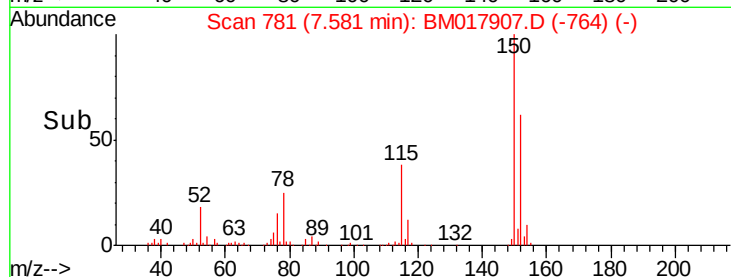


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

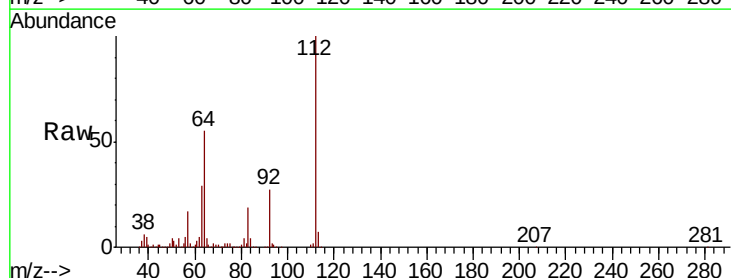
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.702 ng
RT: 5.21 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM017907.D
Acq: 04 Dec 2018 17:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	49.3	73.9
63	29.3	26.2	39.4

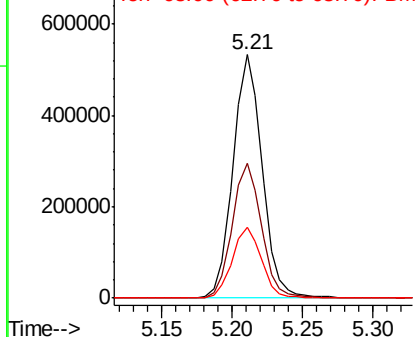
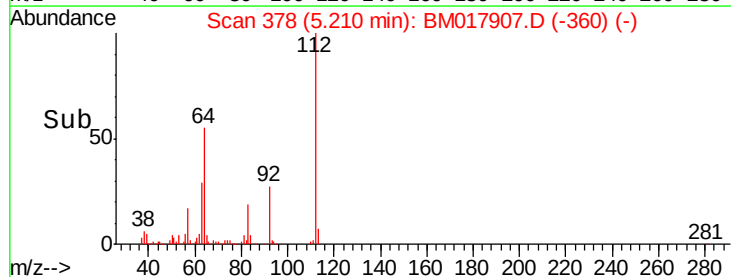


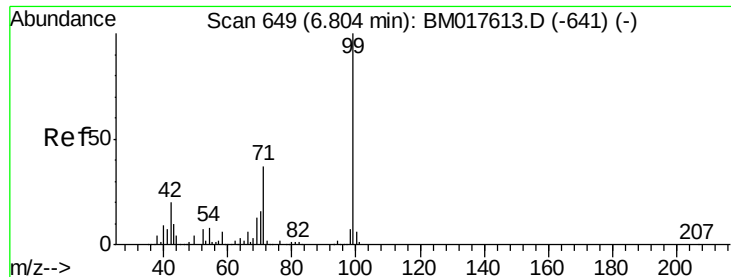
Abundance

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: 47.936 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.00 min

Lab File: BM017907.D

Acq: 04 Dec 2018 17:58

Instrument :

BNA_M

ClientSampleId :

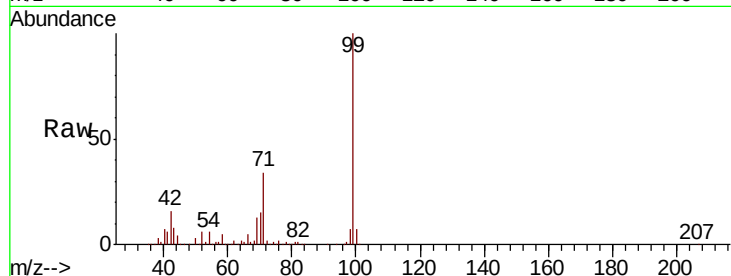
Tot Ion: 99 Resp: 973854

Ion Ratio Lower Upper

99 100

42 15.7 16.3 24.5#

71 33.8 29.8 44.8

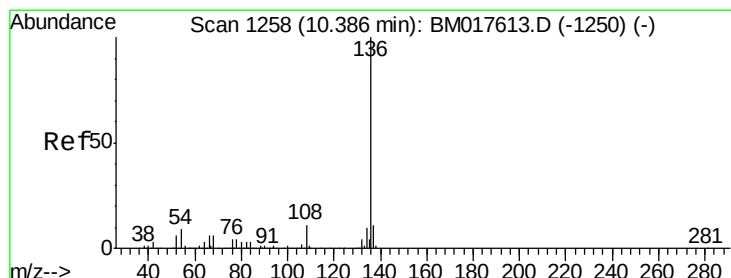
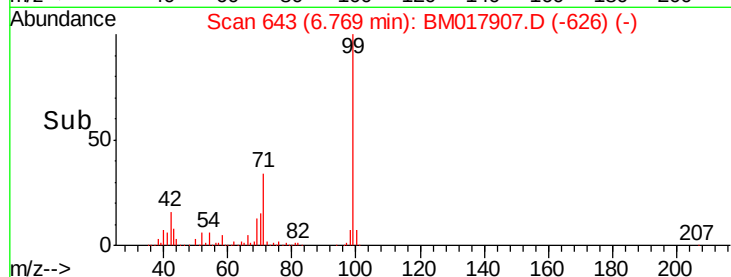
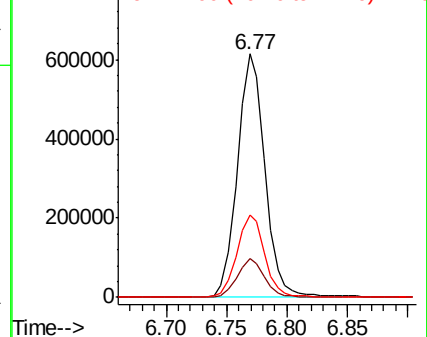


Abundance

Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BM017907.D

Acq: 04 Dec 2018 17:58

Tgt Ion: 136 Resp: 891210

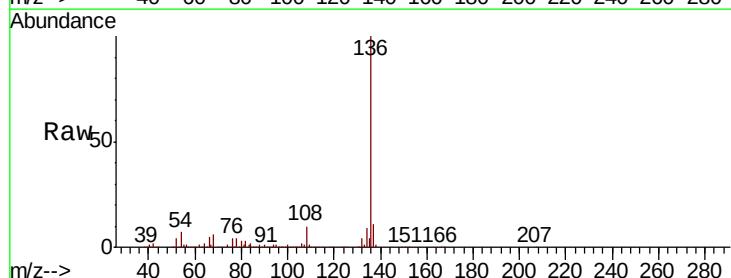
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 6.6 7.0 10.6#

68 5.5 4.9 7.3



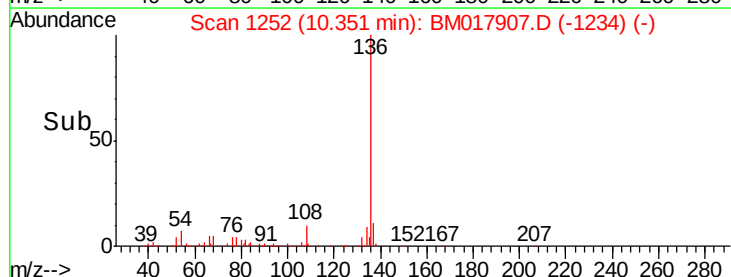
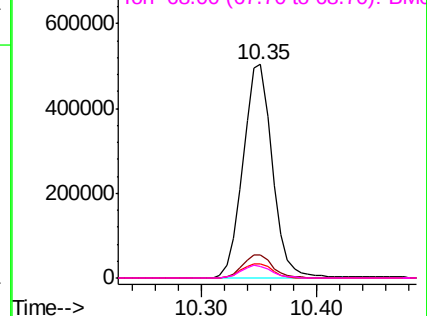
Abundance

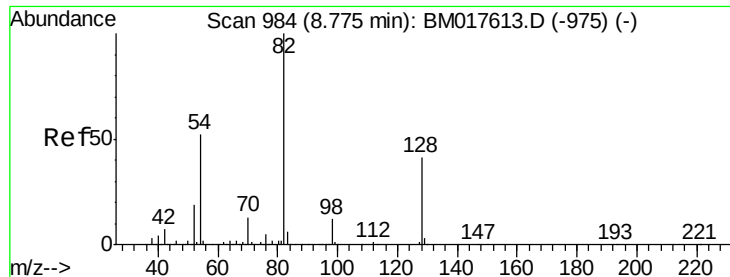
Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

Ion 137.00 (136.70 to 137.70): BM017613.D (-1250) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-1250) (-)

Ion 68.00 (67.70 to 68.70): BM017613.D (-1250) (-)

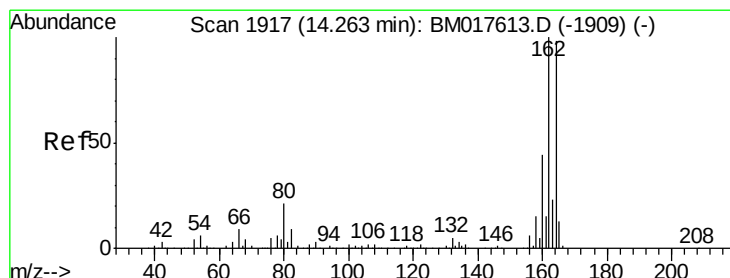
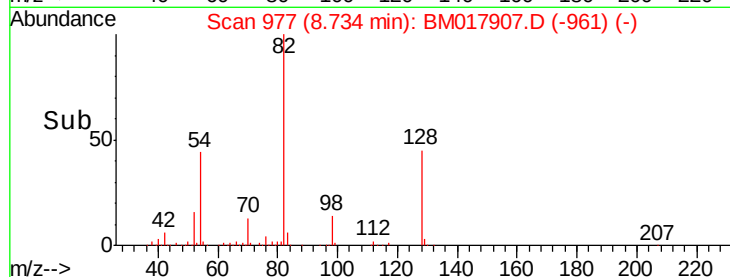
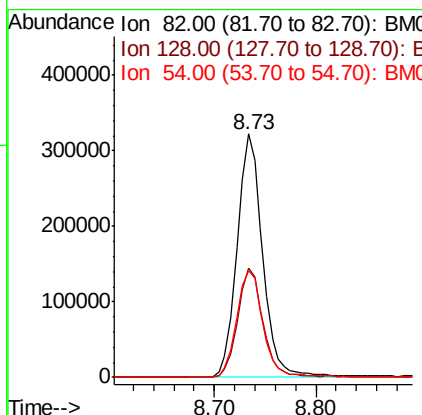
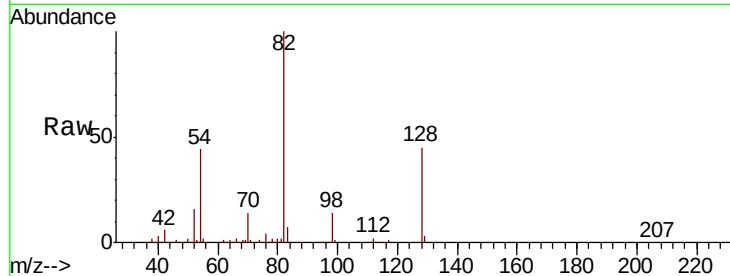




#23
Nitrobenzene-d5
Concen: 32.654 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017907.D
Acq: 04 Dec 2018 17:58

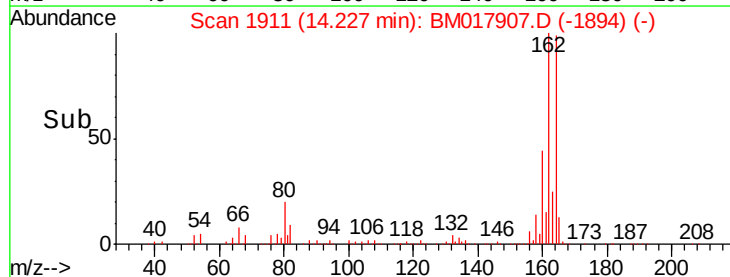
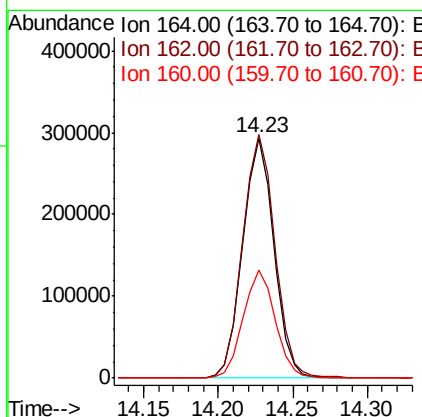
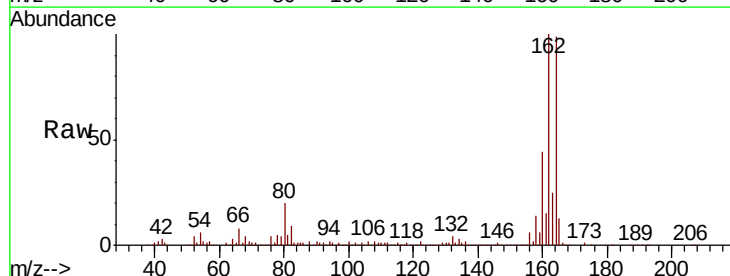
Instrument :
BNA_M
ClientSampleId :

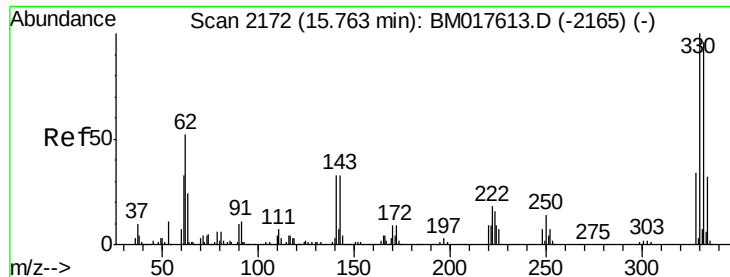
Tot Ion	82	Resp	563709
Ion Ratio	Lower	Upper	
82	100		
128	44.8	33.0	49.4
54	43.7	41.4	62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BM017907.D
Acq: 04 Dec 2018 17:58

Tgt Ion	164	Resp	426317
Ion Ratio	Lower	Upper	
164	100		
162	101.4	81.4	122.0
160	44.9	35.6	53.4

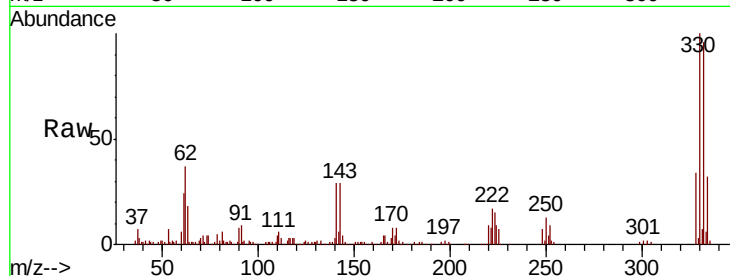




#42
 2,4,6-Tribromophenol
 Concen: 46.993 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BM017907.D
 Acq: 04 Dec 2018 17:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.9	116.9
141	31.8	27.5	41.3

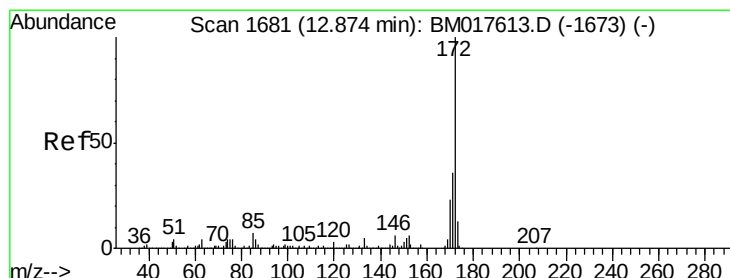
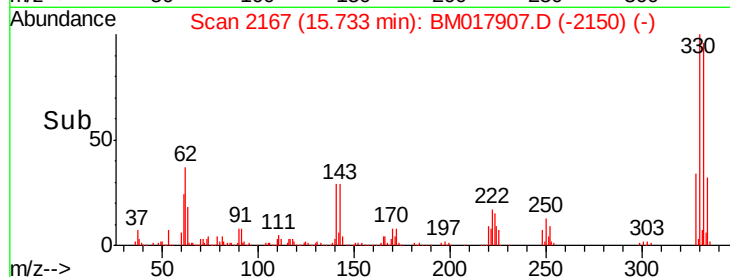
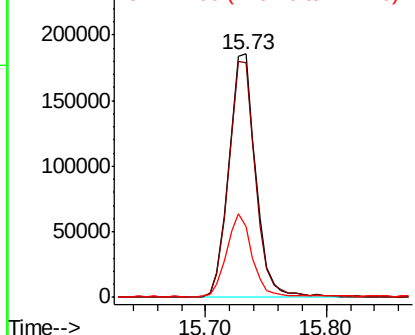


Abundance

Ion 329.80 (329.50 to 330.50): E

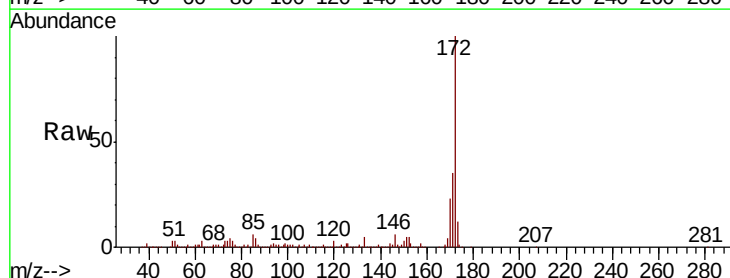
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 35.933 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BM017907.D
 Acq: 04 Dec 2018 17:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.7	43.1
170	22.8	18.3	27.5

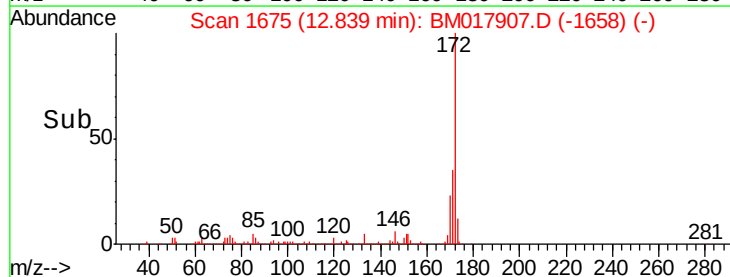
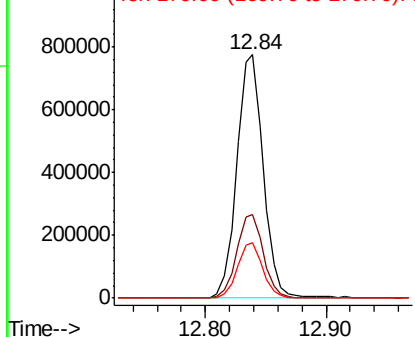


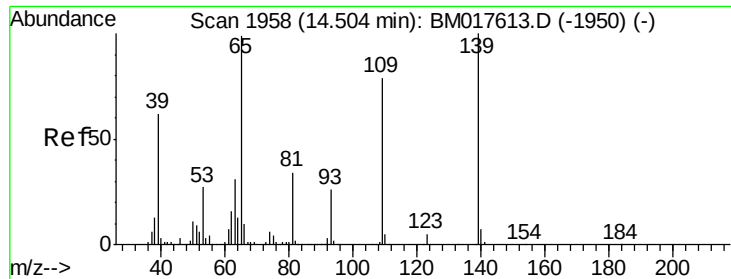
Abundance

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

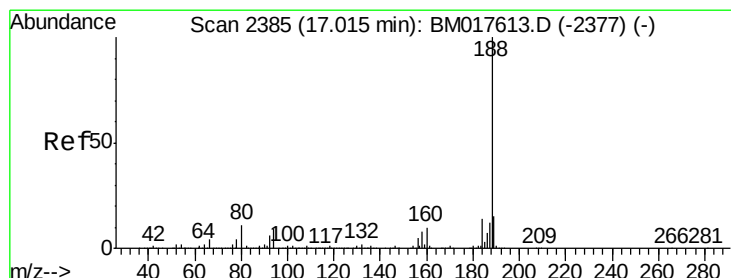
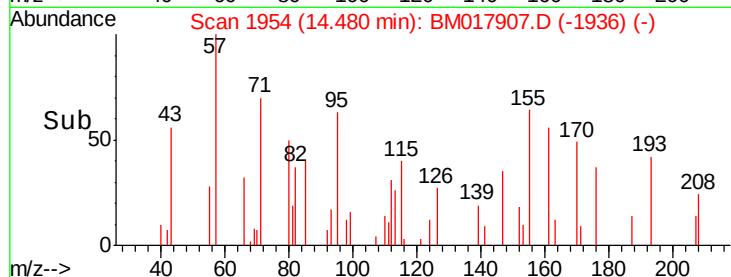
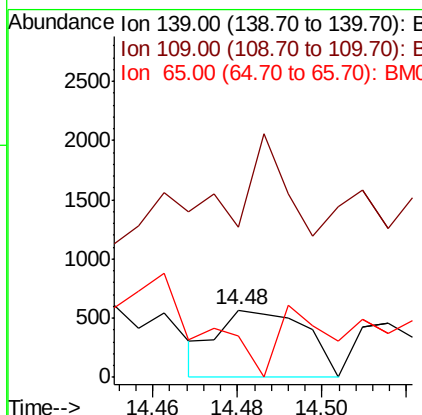
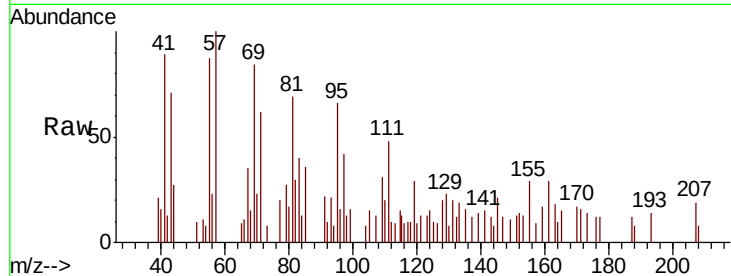




#56
4-Nitrophenol
Concen: 5.065 ng
RT: 14.48 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BM017907.D
Acq: 04 Dec 2018 17:58

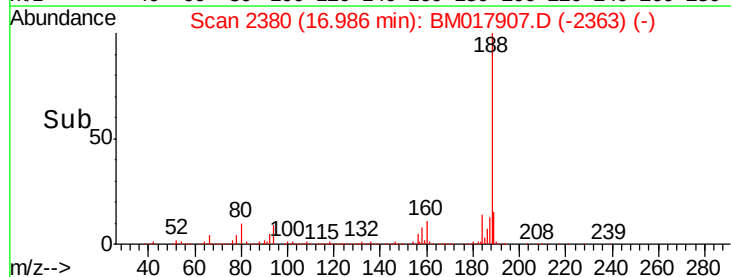
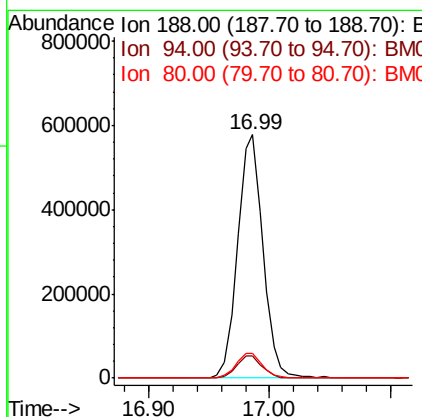
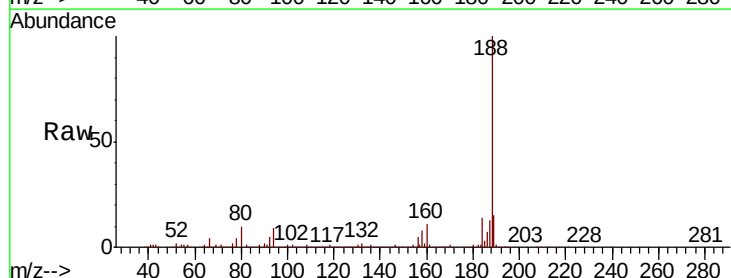
Instrument :
BNA_M
ClientSampled :

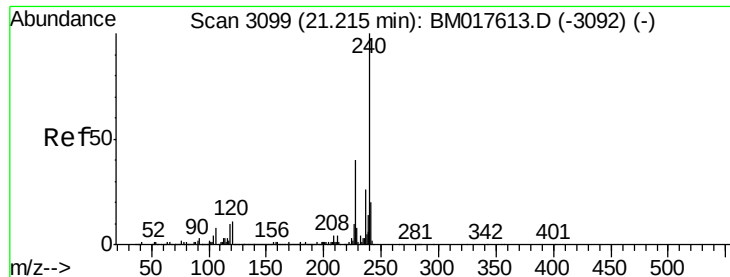
Tot Ion:139 Resp: 819
Ion Ratio Lower Upper
139 100
109 222.1 58.6 98.6#
65 61.8 79.5 119.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM017907.D
Acq: 04 Dec 2018 17:58

Tgt Ion:188 Resp: 844927
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 10.0 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM017907.D

Acq: 04 Dec 2018 17:58

Instrument :

BNA_M

ClientSampleId :

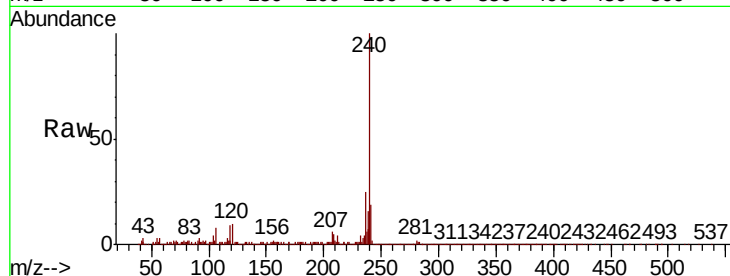
Tot Ion:240 Resp: 933543

Ion Ratio Lower Upper

240 100

120 10.2 8.5 12.7

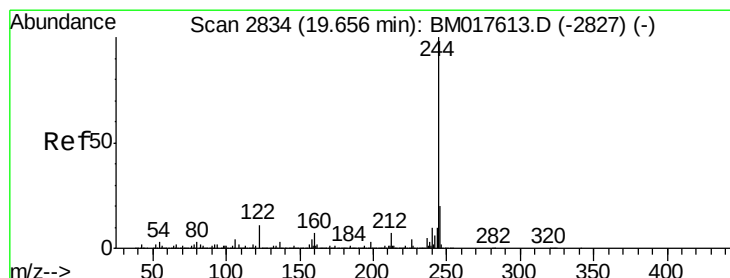
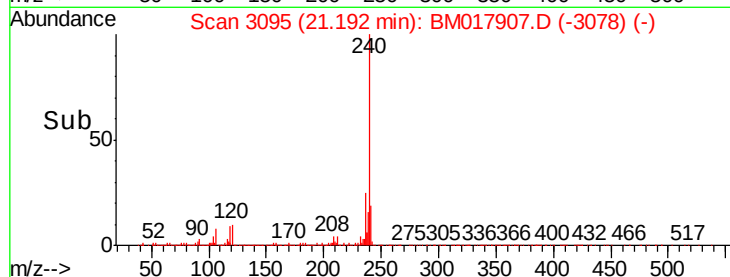
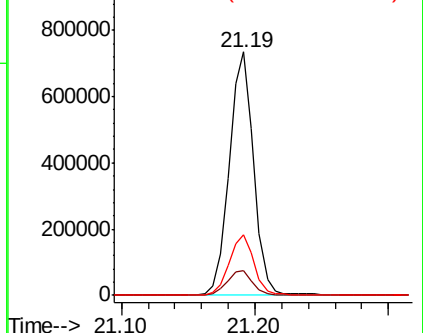
236 24.9 20.4 30.6



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: 34.589 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM017907.D

Acq: 04 Dec 2018 17:58

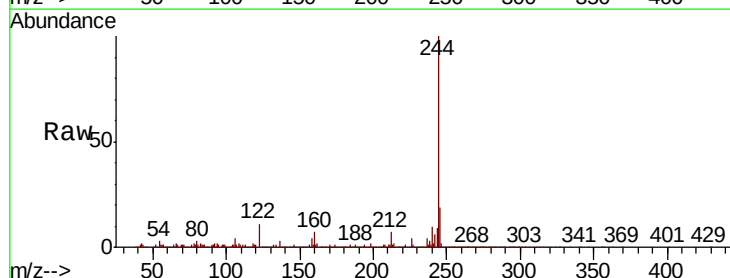
Tgt Ion:244 Resp: 1424710

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

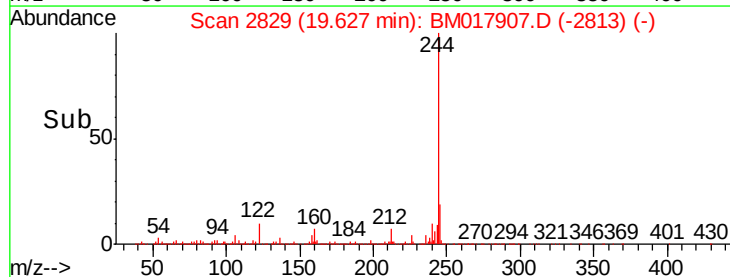
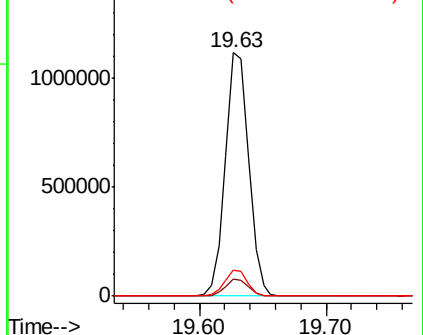
122 10.5 9.0 13.6

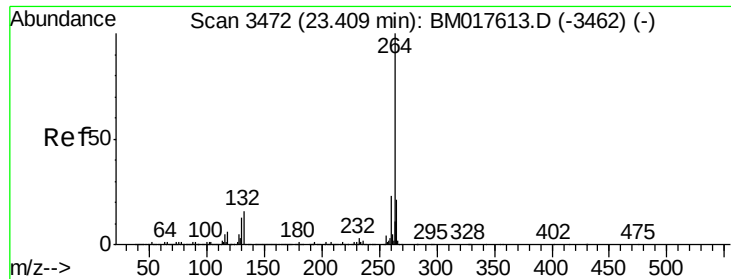


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BM017907.D
Acq: 04 Dec 2018 17:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1029403

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	23.0	17.5	26.3

