

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081417\
 Data File : BM011231.D
 Acq On : 14 Aug 2017 15:49
 Operator : SJ/JU
 Sample : I4695-03RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 14 16:29:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 14 16:03:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	100066	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	345890	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	233845	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	581789	20.00	ng	0.00
75) Chrysene-d12	20.94	240	844373	20.00	ng	0.00
86) Perylene-d12	23.02	264	872543	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	175612	29.67	ng	0.00
7) Phenol-d6	6.49	99	205169	24.39	ng	0.00
23) Nitrobenzene-d5	8.43	82	204085	22.14	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	86635	23.11	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	356394	19.11	ng	0.00
78) Terphenyl-d14	19.39	244	705796	16.56	ng	0.00

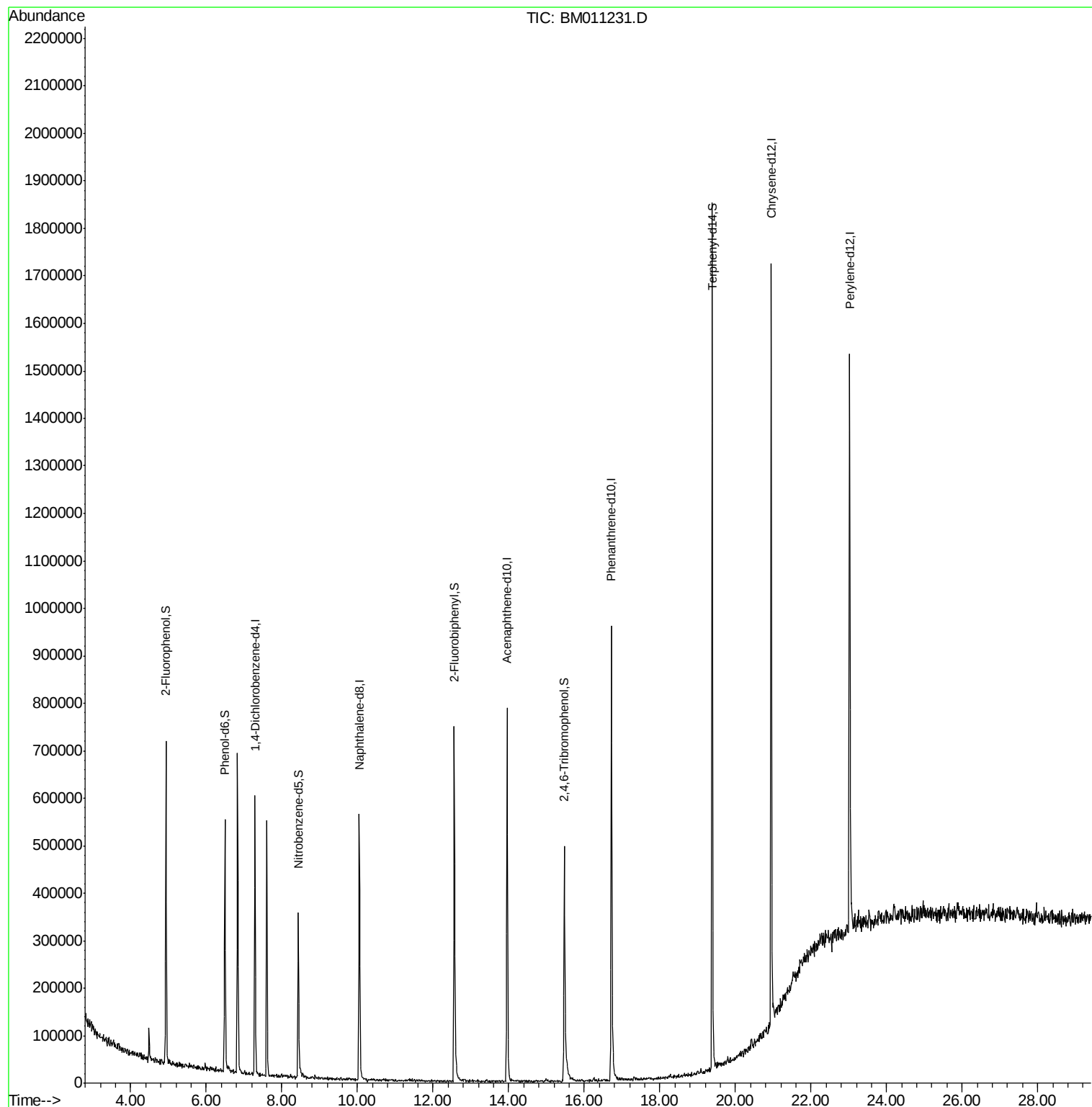
Target Compounds Qvalue

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

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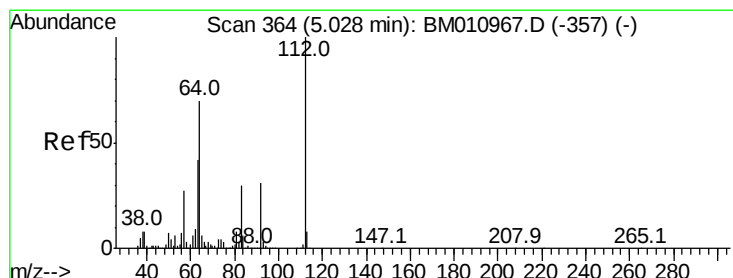
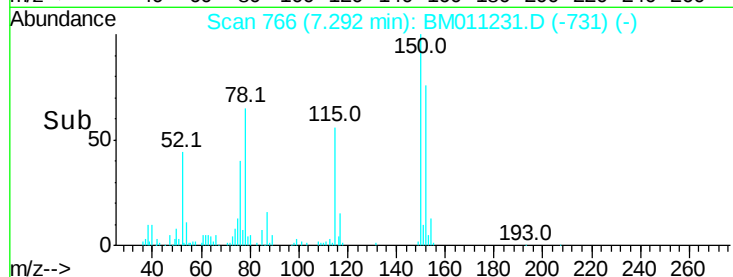
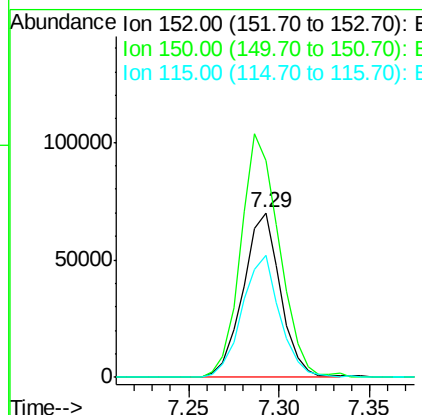
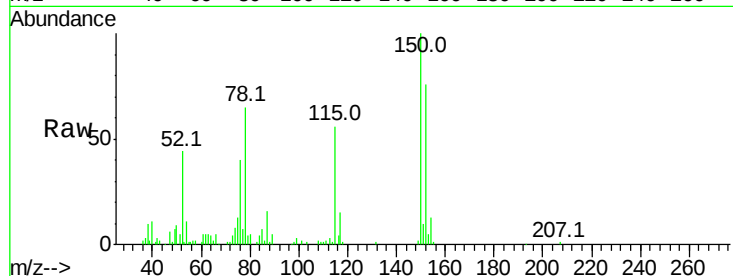


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. 0.01 min
Lab File: BM011231.D
Acq: 14 Aug 2017 15:49

Instrument :
BNA_M
ClientSampleId :

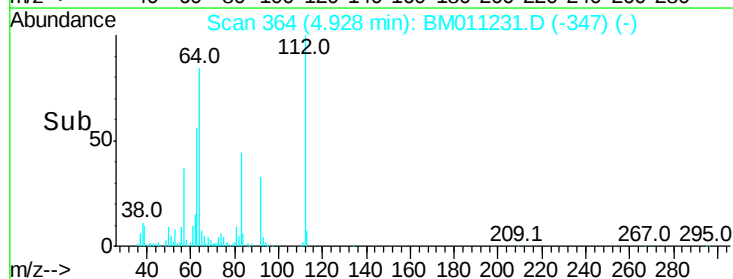
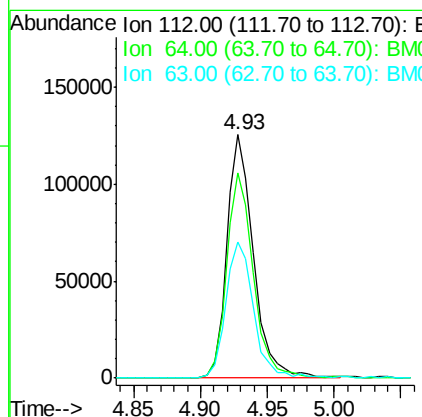
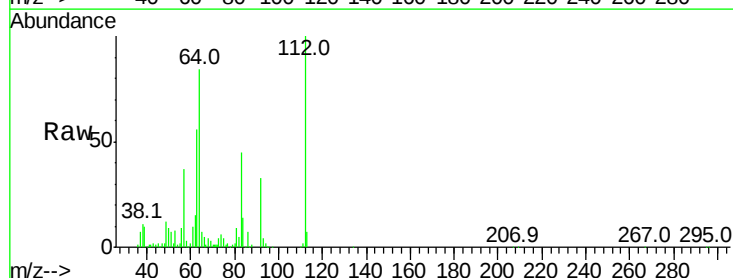
Tot Ion:152 Resp: 100066
Ion Ratio Lower Upper
152 100
150 132.2 119.5 179.3
115 74.3 43.0 64.4#



#5

2-Fluorophenol
Concen: 29.667 ng
RT: 4.93 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM011231.D
Acq: 14 Aug 2017 15:49

Tgt Ion:112 Resp: 175612
Ion Ratio Lower Upper
112 100
64 84.2 38.6 57.8#
63 56.0 19.3 28.9#





#7

Phenol-d6

Concen: 24.394 ng

RT: 6.49 min Scan# 630

Delta R.T. -0.00 min

Lab File: BM011231.D

Acq: 14 Aug 2017 15:49

Instrument :

BNA_M

ClientSampleId :

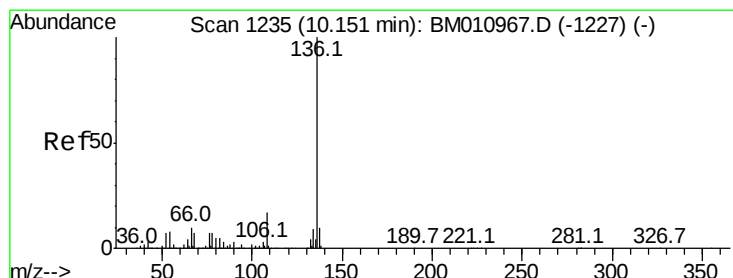
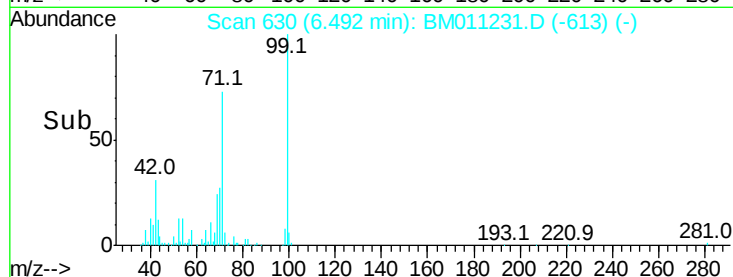
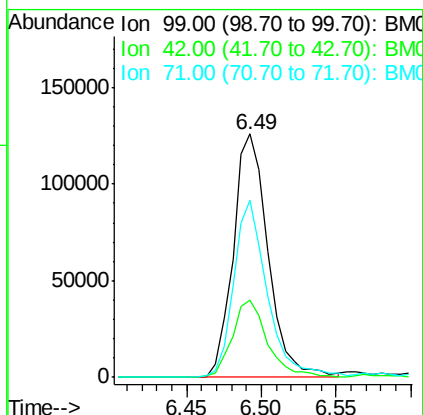
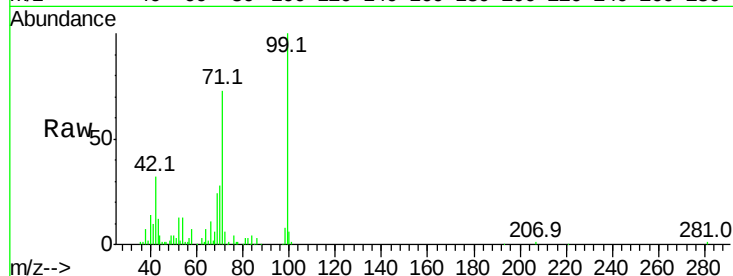
Tot Ion: 99 Resp: 205169

Ion Ratio Lower Upper

99 100

42 31.8 11.0 16.4#

71 72.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BM011231.D

Acq: 14 Aug 2017 15:49

Tgt Ion: 136 Resp: 345890

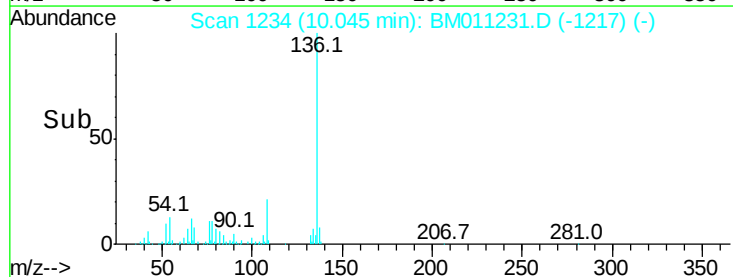
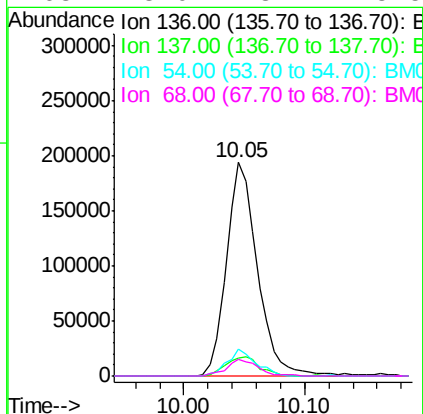
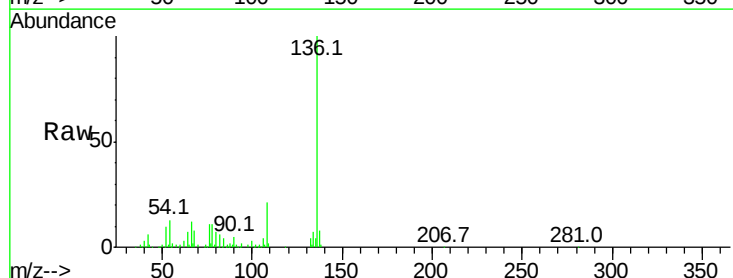
Ion Ratio Lower Upper

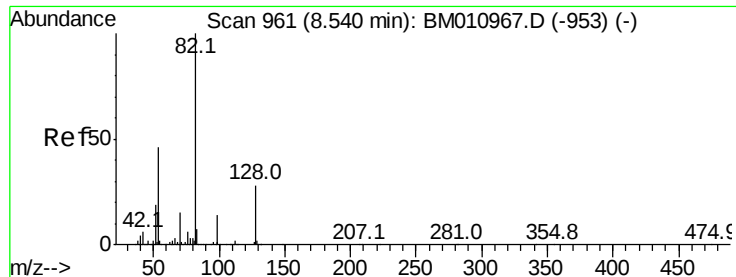
136 100

137 8.4 8.7 13.1#

54 12.8 4.6 6.8#

68 8.0 3.7 5.5#

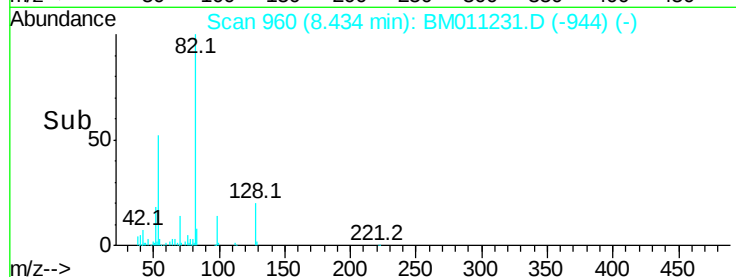
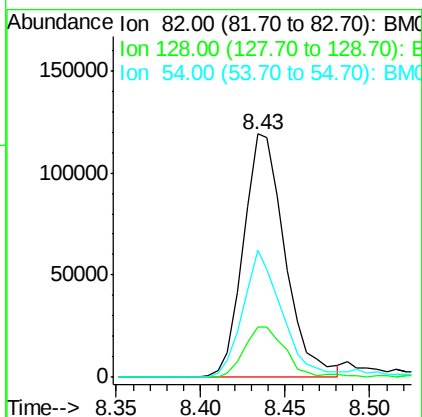
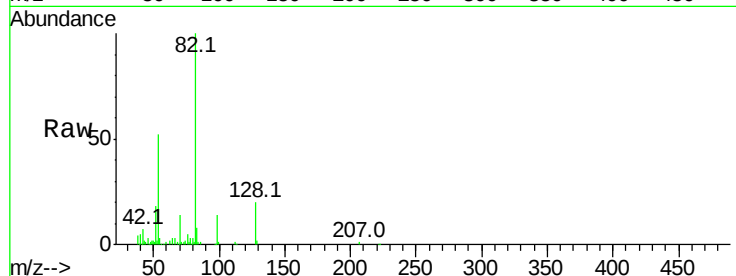




#23
 Nitrobenzene-d5
 Concen: 22.145 ng
 RT: 8.43 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BM011231.D
 Acq: 14 Aug 2017 15:49

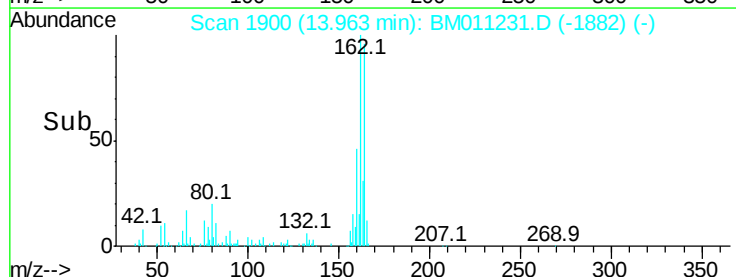
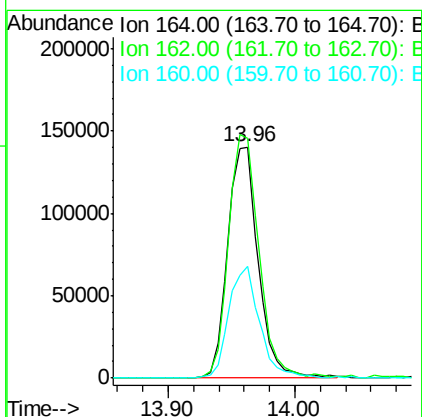
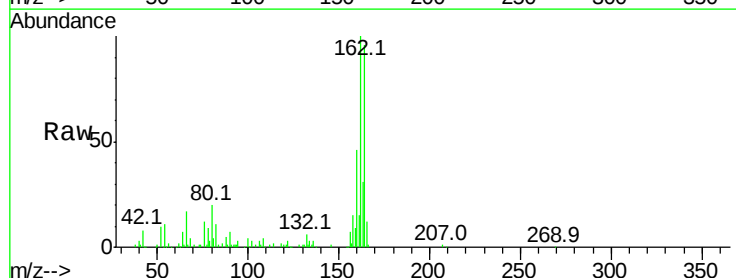
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	20.4	32.8	49.2#
54	52.0	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1900
 Delta R.T. 0.01 min
 Lab File: BM011231.D
 Acq: 14 Aug 2017 15:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.4	123.6
160	48.3	35.8	53.6

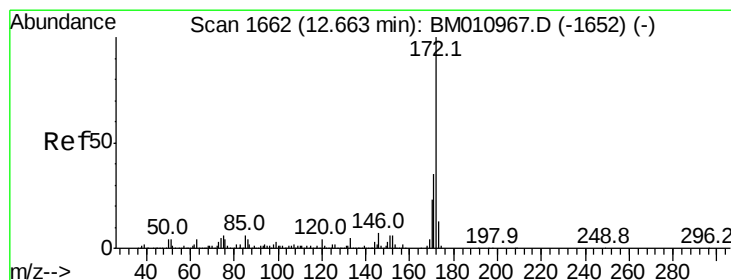
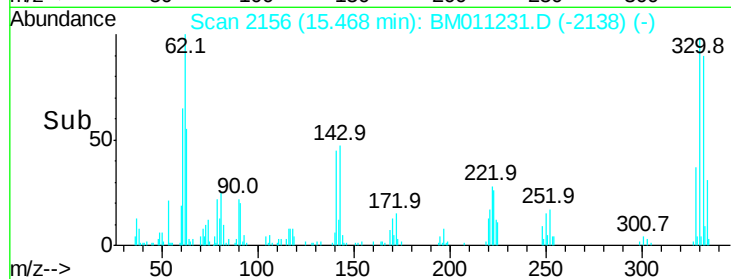
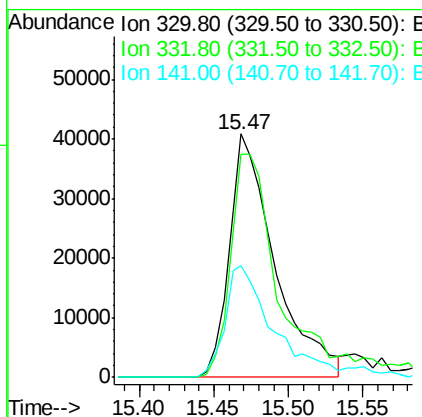
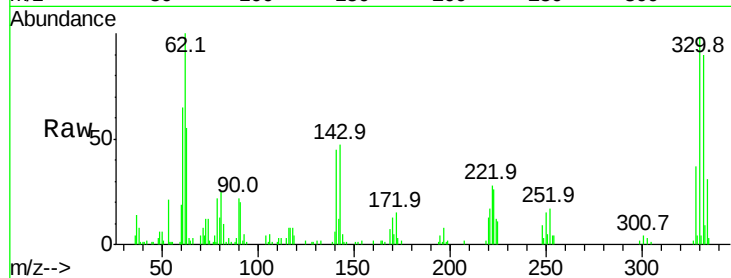




#41
 2,4,6-Tribromophenol
 Concen: 23.115 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: BM011231.D
 Acq: 14 Aug 2017 15:49

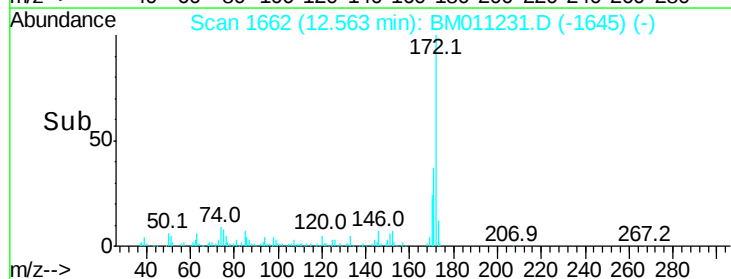
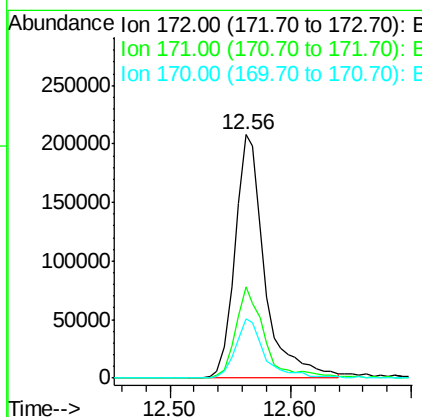
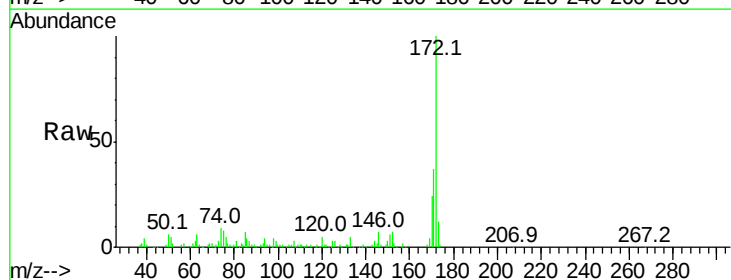
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	49.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 19.114 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BM011231.D
 Acq: 14 Aug 2017 15:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.5	42.7
170	24.4	18.8	28.2

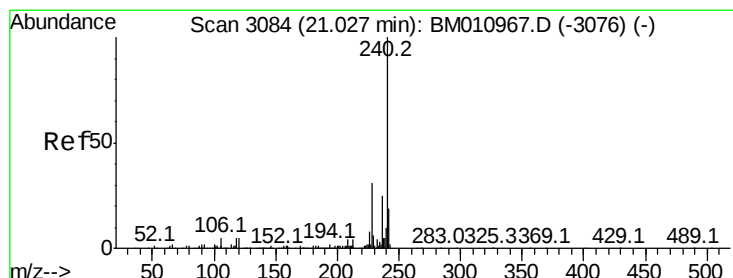
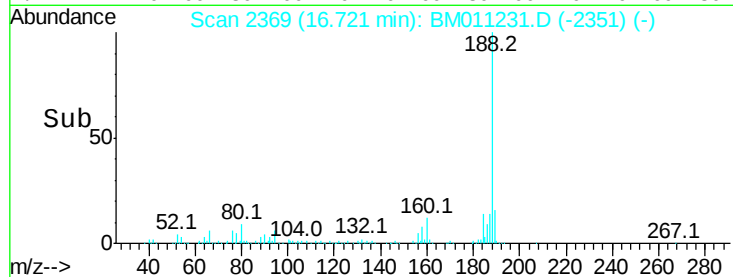
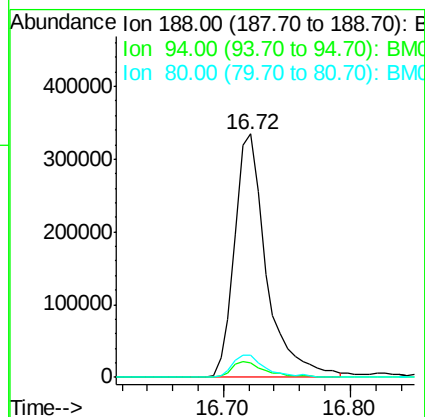
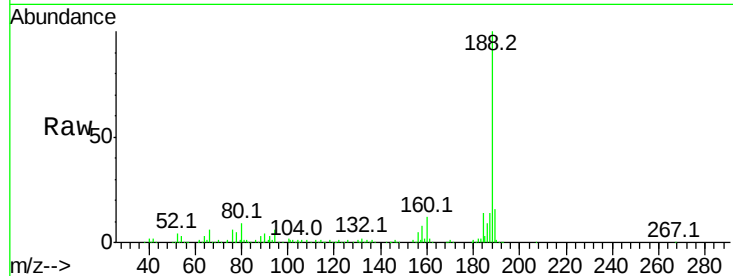




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.72 min Scan# 2369
 Delta R.T. 0.01 min
 Lab File: BM011231.D
 Acq: 14 Aug 2017 15:49

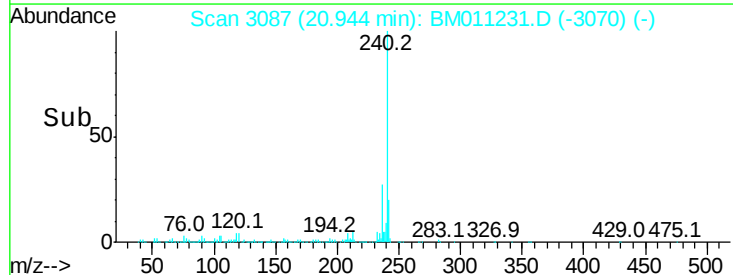
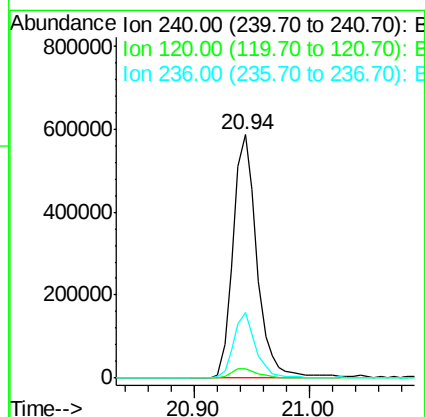
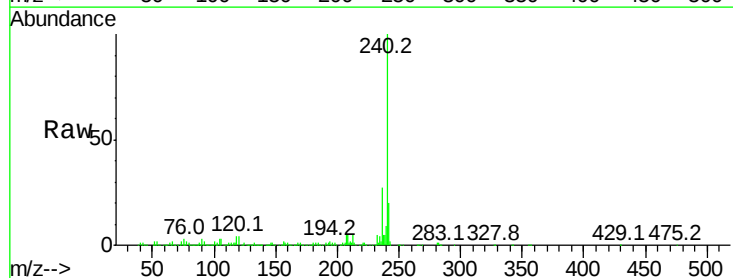
Instrument :
 BNA_M
 ClientSampleId :

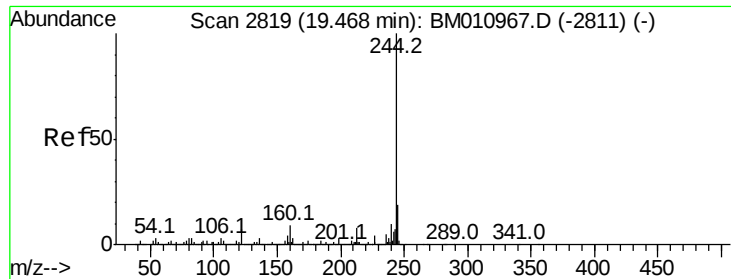
Tot Ion:188 Resp: 581789
 Ion Ratio Lower Upper
 188 100
 94 6.0 8.7 13.1#
 80 9.1 9.3 13.9#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 20.94 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: BM011231.D
 Acq: 14 Aug 2017 15:49

Tgt Ion:240 Resp: 844373
 Ion Ratio Lower Upper
 240 100
 120 3.7 8.2 12.2#
 236 27.1 20.0 30.0

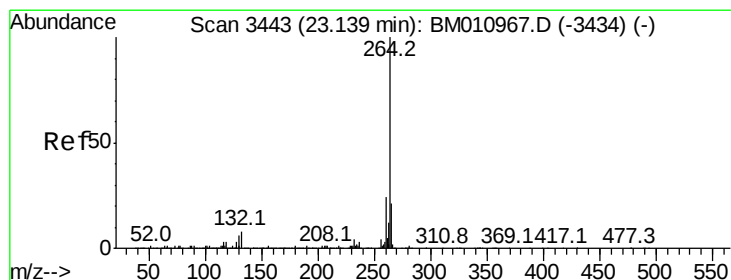
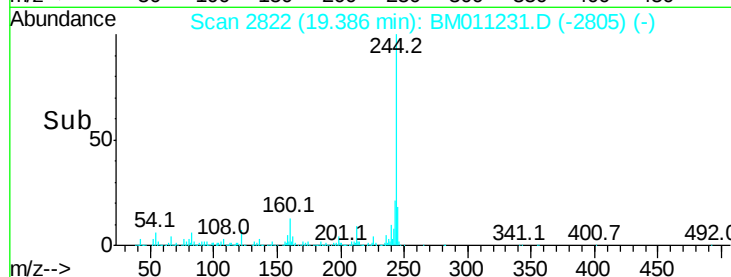
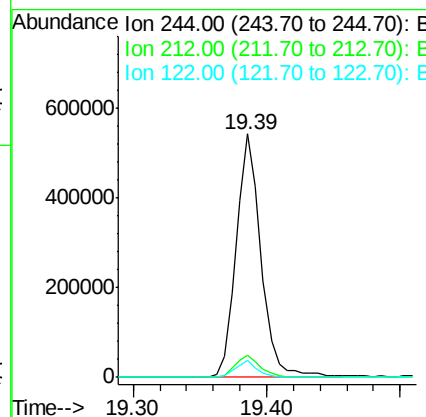
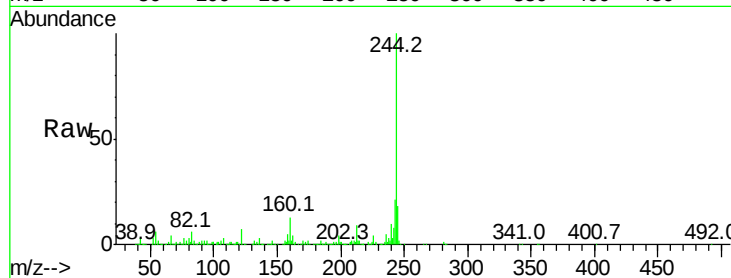




#78
 Terphenyl-d14
 Concen: 16.558 ng
 RT: 19.39 min Scan# 2822
 Delta R.T. -0.00 min
 Lab File: BM011231.D
 Acq: 14 Aug 2017 15:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 705796
 Ion Ratio Lower Upper
 244 100
 212 9.2 4.9 7.3#
 122 6.9 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.02 min Scan# 3440
 Delta R.T. -0.00 min
 Lab File: BM011231.D
 Acq: 14 Aug 2017 15:49

Tgt Ion:264 Resp: 872543
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 23.3 17.3 25.9

