

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
 Data File : BM011132.D
 Acq On : 05 Aug 2017 00:01
 Operator : SJ/JU
 Sample : I4584-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 05 03:22:37 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	7.32	152	117701	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	363040	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	251000	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	640695	20.00	ng	-0.07
75) Chrysene-d12	20.97	240	490156	20.00	ng	-0.06
86) Perylene-d12	23.07	264	43371	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	579348	83.21	ng	-0.07
7) Phenol-d6	6.52	99	613203	61.98	ng	-0.08
23) Nitrobenzene-d5	8.46	82	430924	44.55	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	387636	96.35	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	1035046	51.72	ng	-0.07
78) Terphenyl-d14	19.41	244	2190310	88.52	ng	-0.06

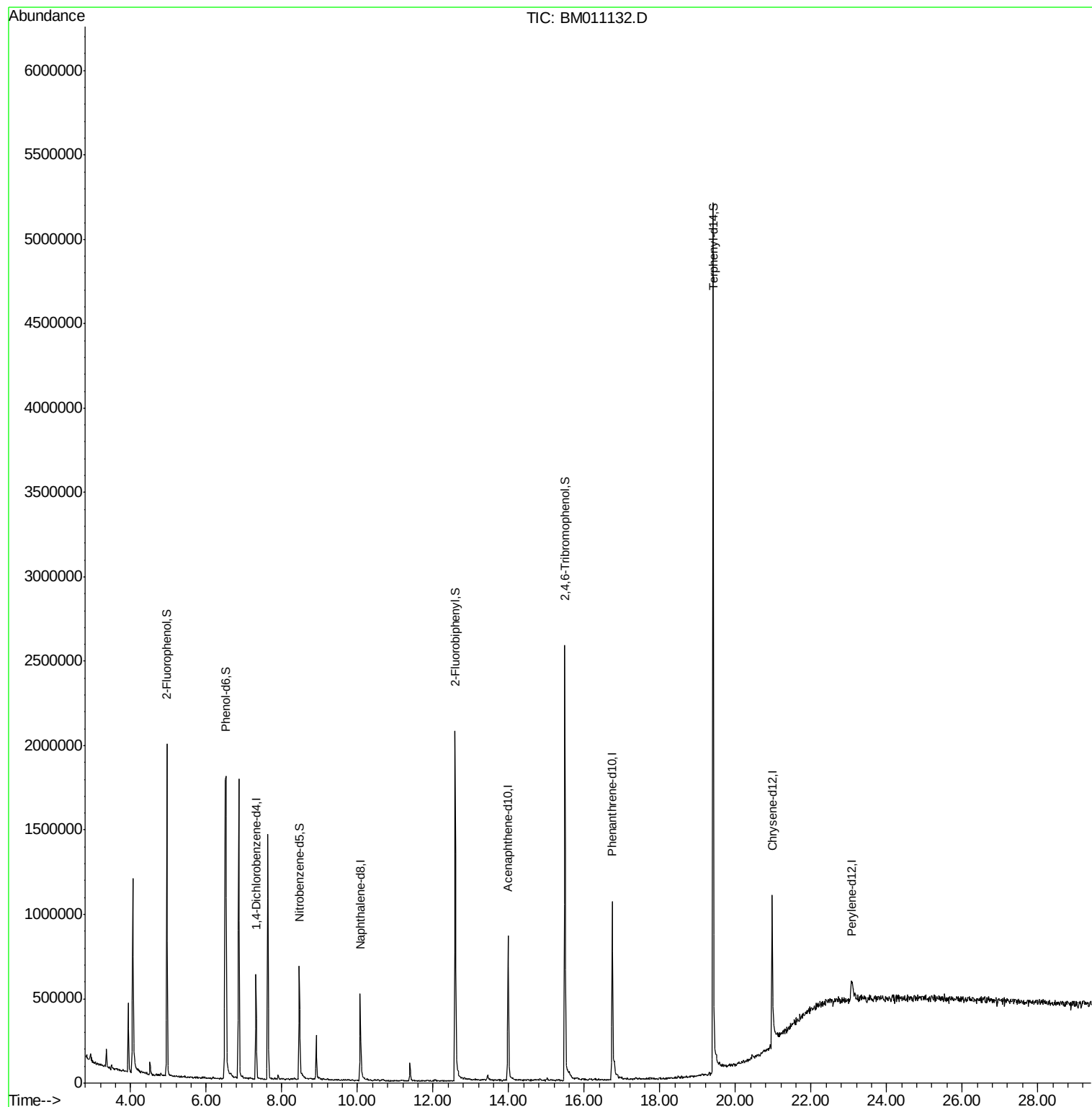
Target Compounds Qvalue

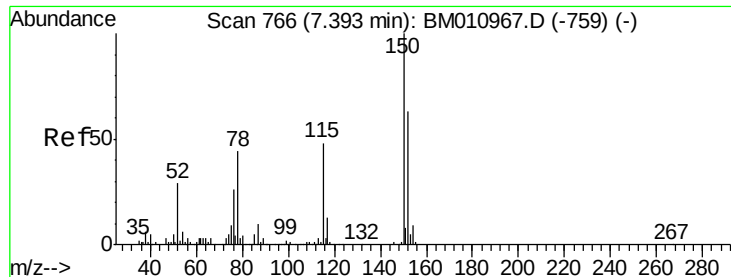
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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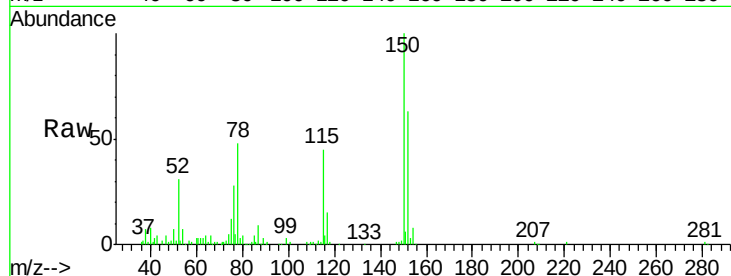


#1

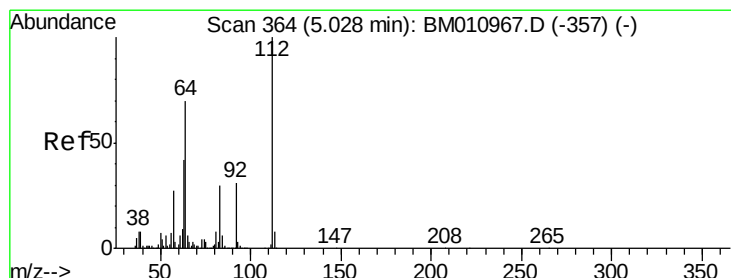
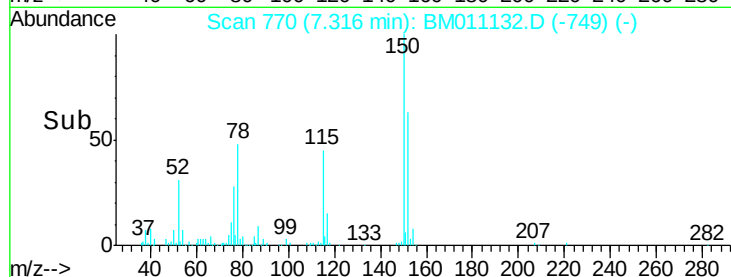
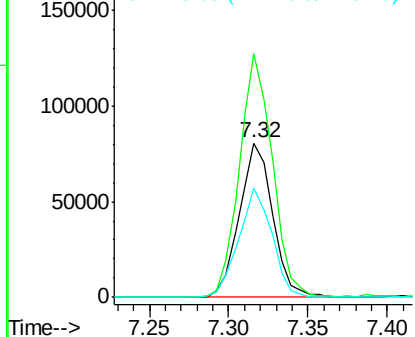
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011132.D
Acq: 05 Aug 2017 00:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 117701
Ion Ratio Lower Upper
152 100
150 158.1 119.5 179.3
115 70.8 43.0 64.4#



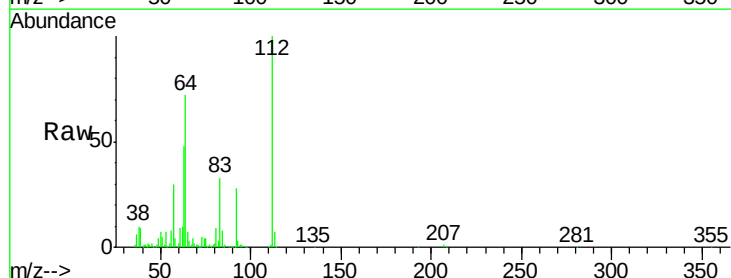
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



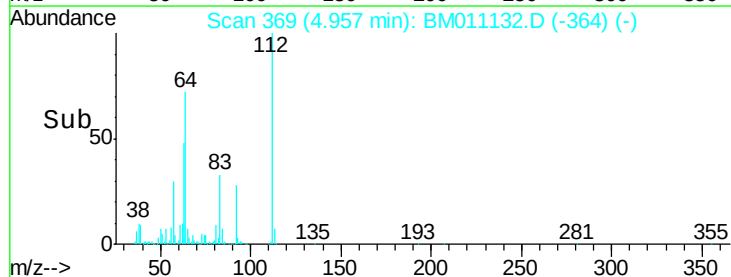
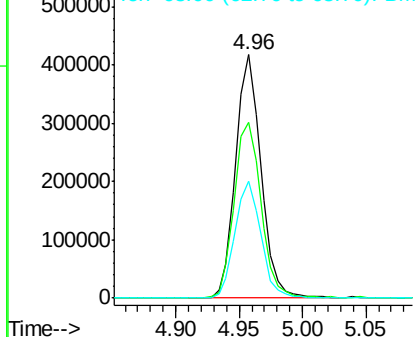
#5

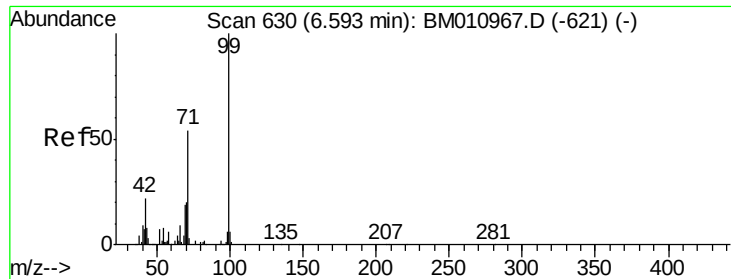
2-Fluorophenol
Concen: 83.21 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011132.D
Acq: 05 Aug 2017 00:01

Tgt Ion:112 Resp: 579348
Ion Ratio Lower Upper
112 100
64 72.2 38.6 57.8#
63 47.8 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: 61.98 ng

RT: 6.52 min Scan# 634

Delta R.T. -0.08 min

Lab File: BM011132.D

Acq: 05 Aug 2017 00:01

Instrument :

BNA_M

ClientSampled :

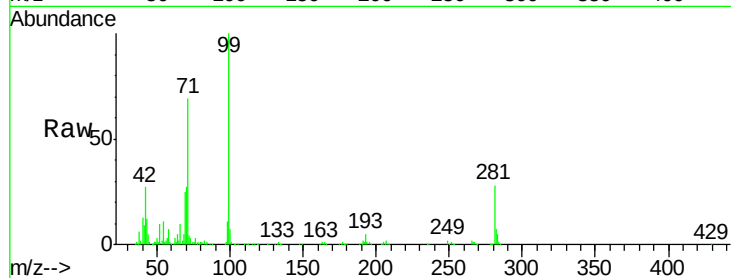
Tot Ion: 99 Resp: 613203

Ion Ratio Lower Upper

99 100

42 27.4 11.0 16.4#

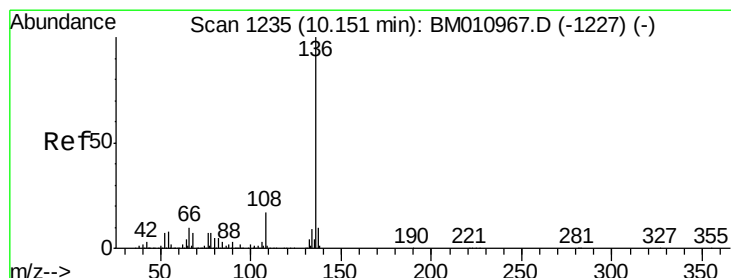
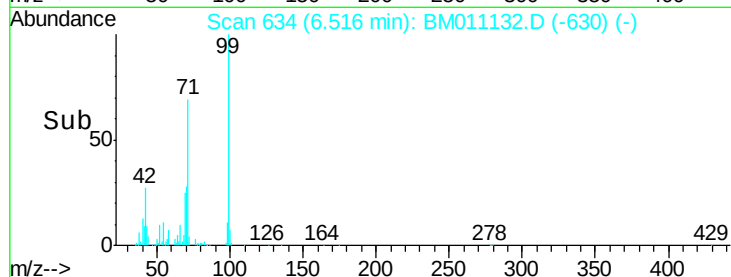
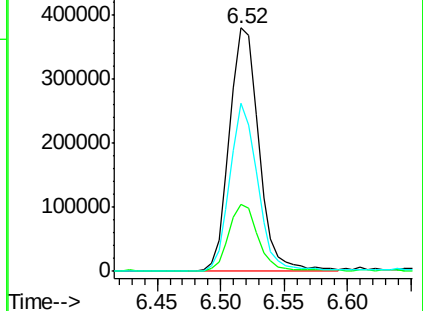
71 69.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011132.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011132.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011132.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011132.D

Acq: 05 Aug 2017 00:01

Tgt Ion: 136 Resp: 363040

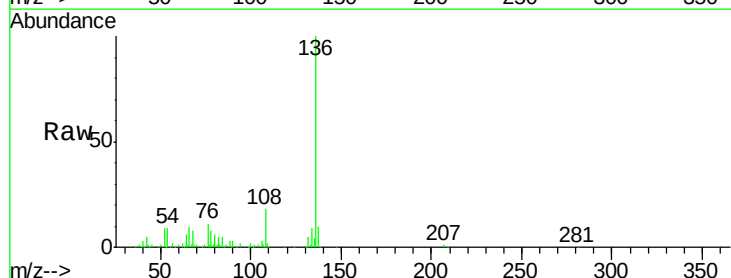
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 8.9 4.6 6.8#

68 7.6 3.7 5.5#

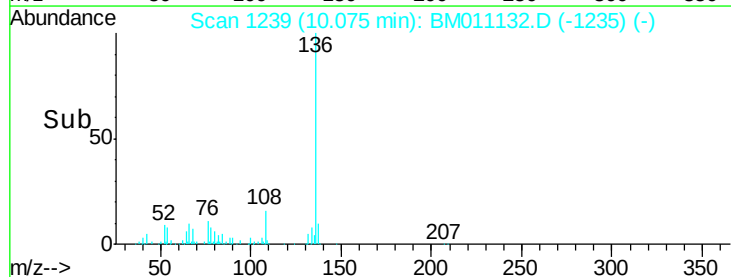
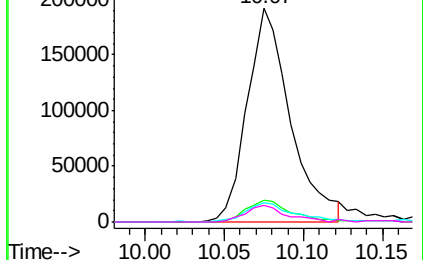


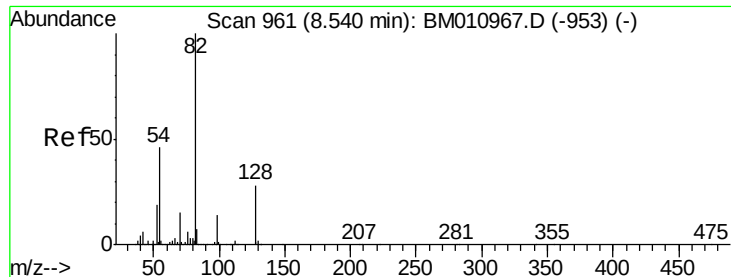
Abundance Ion 136.00 (135.70 to 136.70): BM011132.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011132.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011132.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011132.D (-1235) (-)

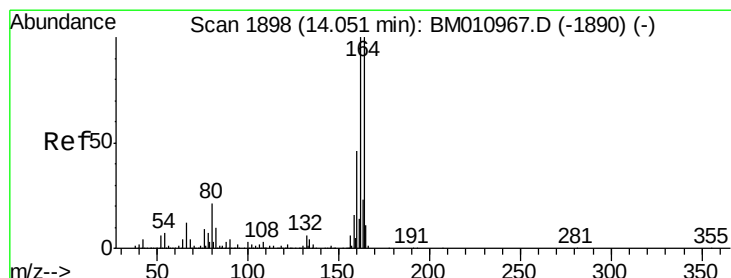
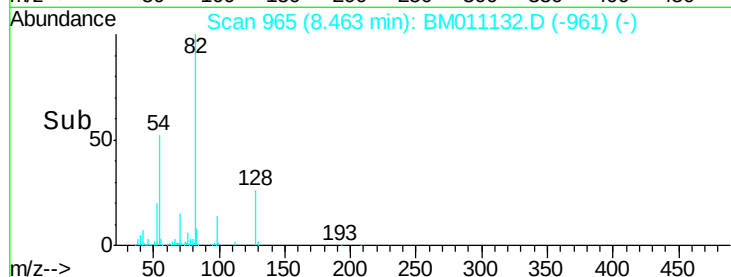
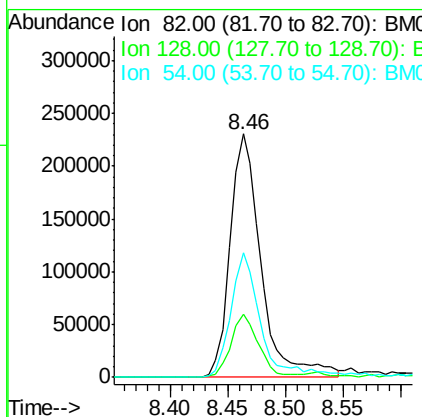
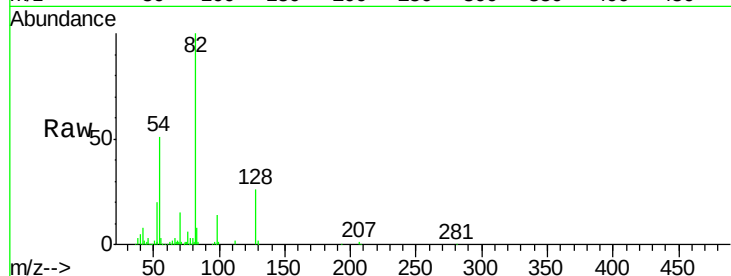




#23
 Nitrobenzene-d5
 Concen: 44.55 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011132.D
 Acq: 05 Aug 2017 00:01

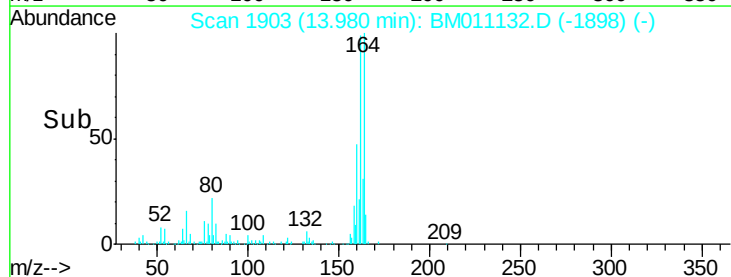
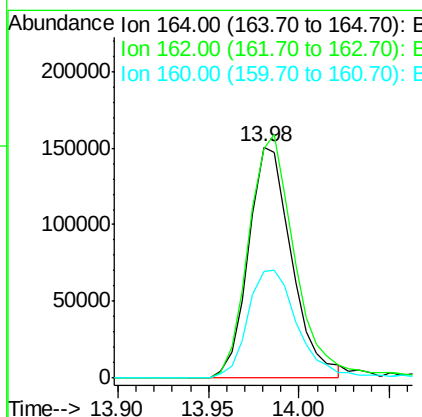
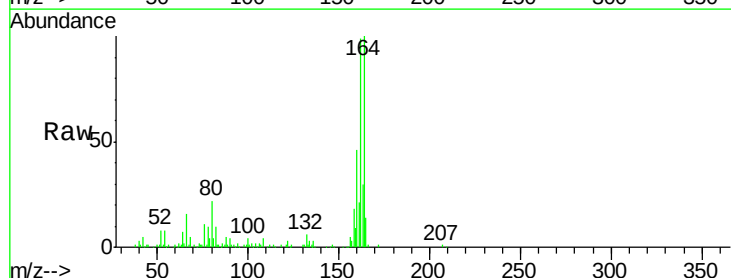
Instrument :
 BNA_M
 ClientSampleId :

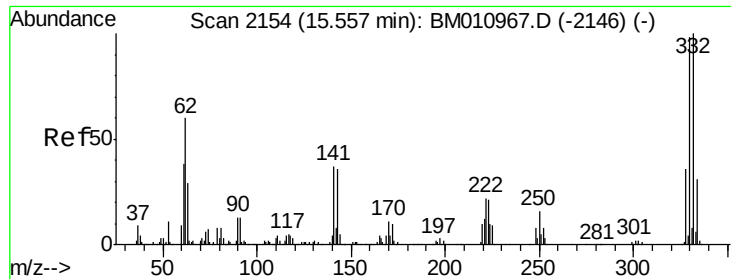
Tot Ion	82	Resp	430924
Ion Ratio	Lower	Upper	
82	100		
128	26.1	32.8	49.2#
54	51.1	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011132.D
 Acq: 05 Aug 2017 00:01

Tgt Ion	164	Resp	251000
Ion Ratio	Lower	Upper	
164	100		
162	99.4	82.4	123.6
160	46.4	35.8	53.6

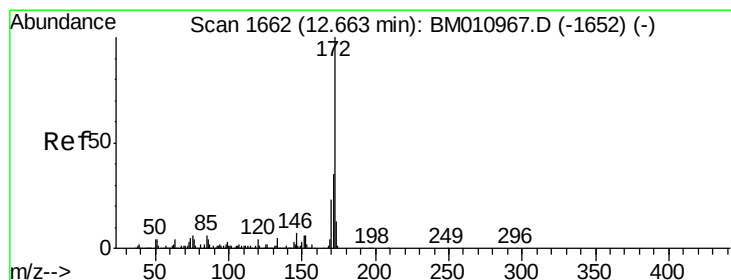
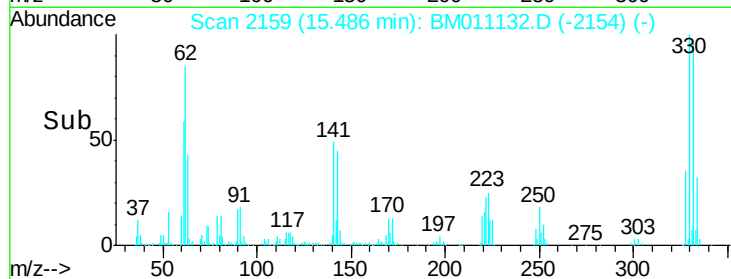
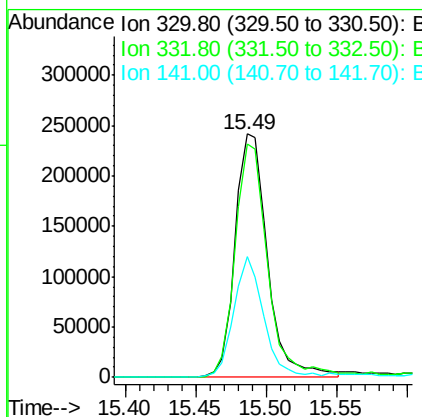
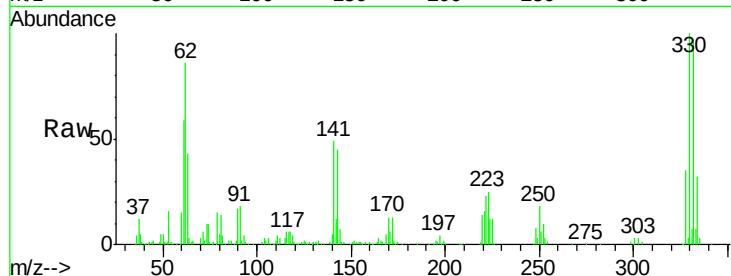




#41
 2,4,6-Tribromophenol
 Concen: 96.35 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011132.D
 Acq: 05 Aug 2017 00:01

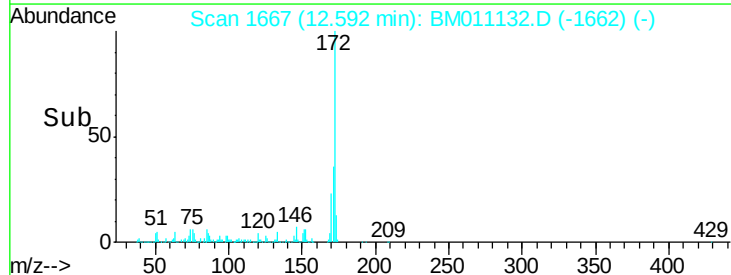
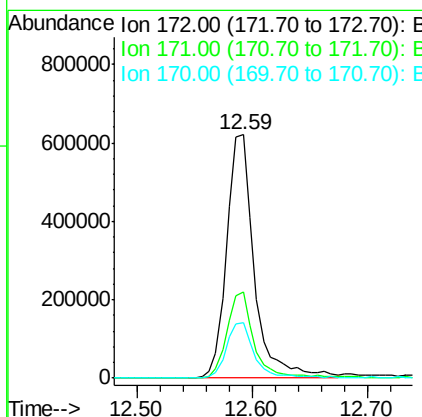
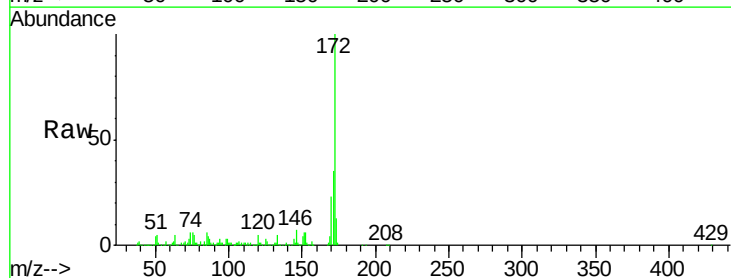
Instrument :
 BNA_M
 ClientSampleId :

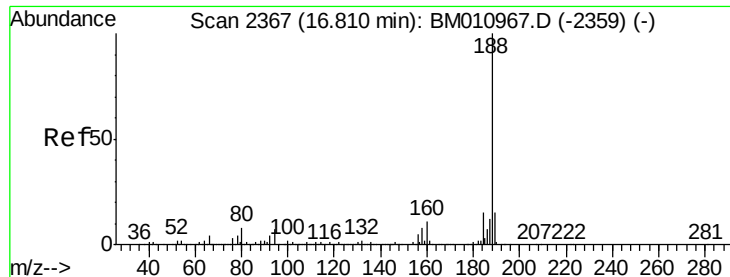
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	45.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 51.72 ng
 RT: 12.59 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: BM011132.D
 Acq: 05 Aug 2017 00:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.0	18.8	28.2

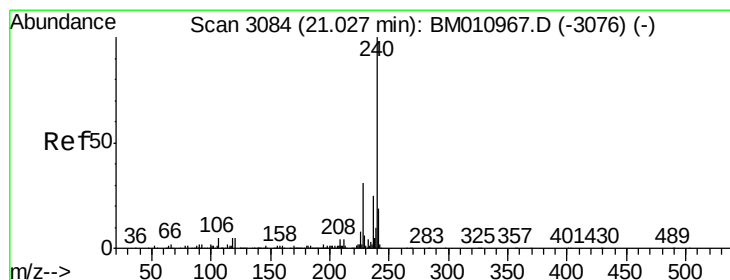
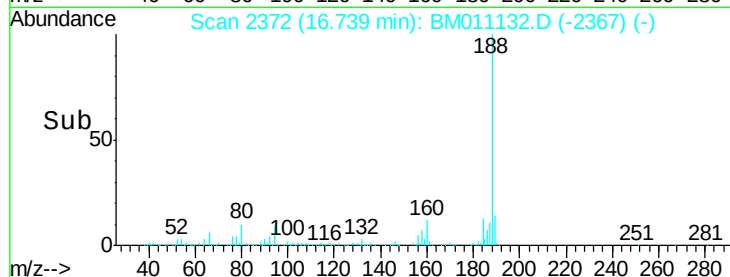
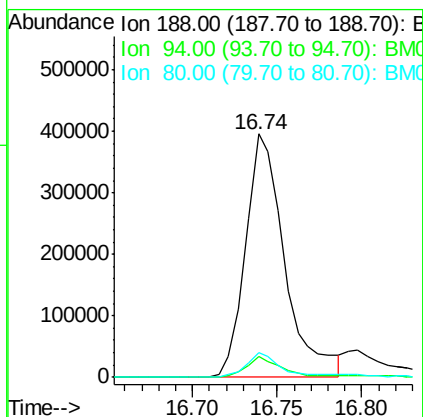
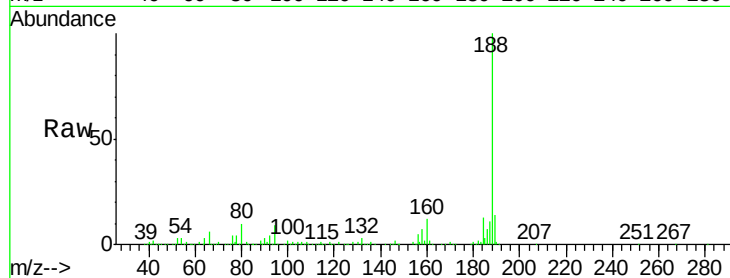




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011132.D
Acq: 05 Aug 2017 00:01

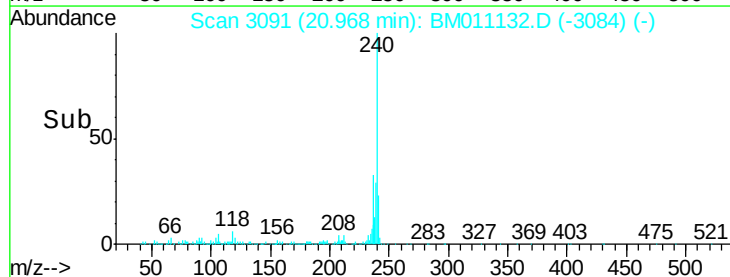
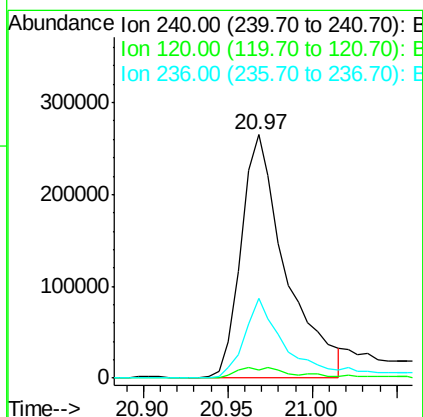
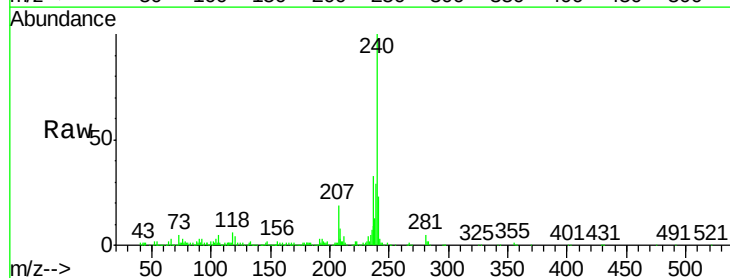
Instrument :
BNA_M
ClientSampleId :

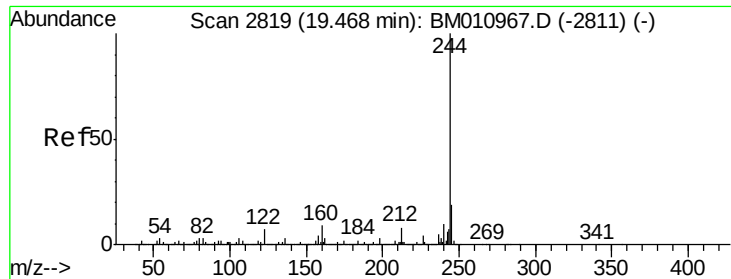
Tot Ion:188 Resp: 640695
Ion Ratio Lower Upper
188 100
94 8.5 8.7 13.1#
80 10.4 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.97 min Scan# 3091
Delta R.T. -0.06 min
Lab File: BM011132.D
Acq: 05 Aug 2017 00:01

Tgt Ion:240 Resp: 490156
Ion Ratio Lower Upper
240 100
120 3.6 8.2 12.2#
236 32.6 20.0 30.0#





#78

Terphenyl-d14

Concen: 88.52 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011132.D

Acq: 05 Aug 2017 00:01

Instrument :

BNA_M

ClientSampleId :

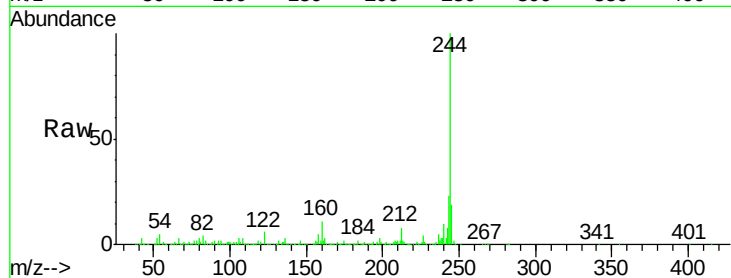
Tot Ion:244 Resp: 2190310

Ion Ratio Lower Upper

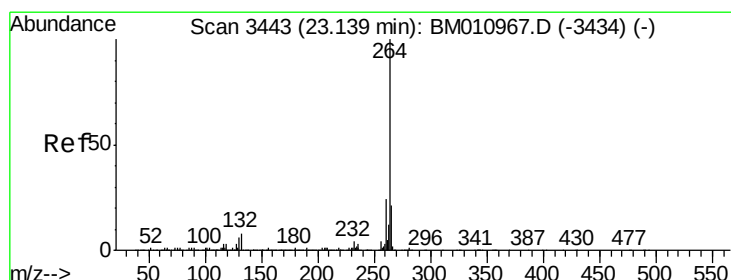
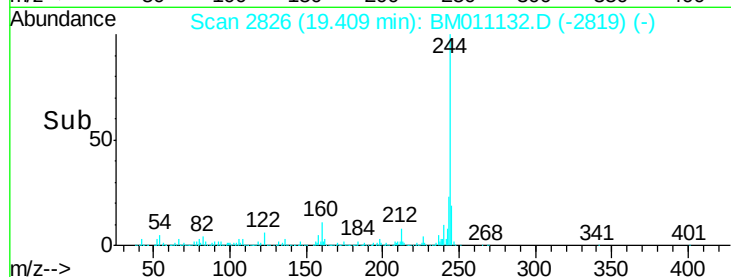
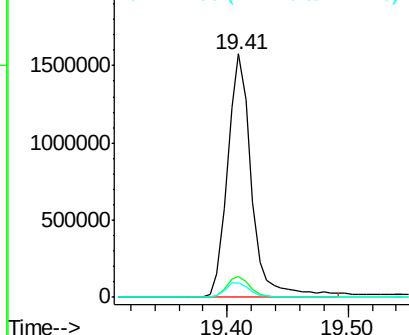
244 100

212 8.5 4.9 7.3#

122 6.0 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: 23.07 min Scan# 3448

Delta R.T. -0.07 min

Lab File: BM011132.D

Acq: 05 Aug 2017 00:01

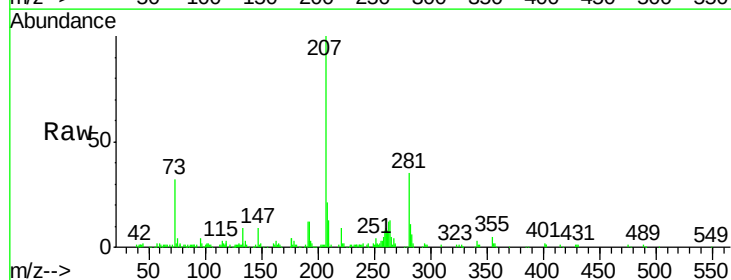
Tgt Ion:264 Resp: 43371

Ion Ratio Lower Upper

264 100

260 67.4 18.6 27.8#

265 42.8 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

