

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
 Data File : BM011121.D
 Acq On : 04 Aug 2017 17:21
 Operator : SJ/JU
 Sample : PB101225BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101225BL

Quant Time: Aug 05 04:10:31 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	141865	20.00	ng	-0.07
21) Naphthalene-d8	10.08	136	456993	20.00	ng	-0.07
38) Acenaphthene-d10	13.99	164	418401	20.00	ng	-0.06
63) Phenanthrene-d10	16.74	188	593541	20.00	ng	-0.06
75) Chrysene-d12	20.99	240	358099	20.00	ng	-0.04
86) Perylene-d12	23.06	264	793760	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1240339	147.80	ng	-0.07
7) Phenol-d6	6.52	99	1683630	141.20	ng	-0.07
23) Nitrobenzene-d5	8.47	82	1032200	84.77	ng	-0.07
41) 2,4,6-Tribromophenol	15.49	330	873158	130.20	ng	-0.06
44) 2-Fluorobiphenyl	12.59	172	2485641	74.51	ng	-0.07
78) Terphenyl-d14	19.41	244	3965497	219.36	ng	-0.06

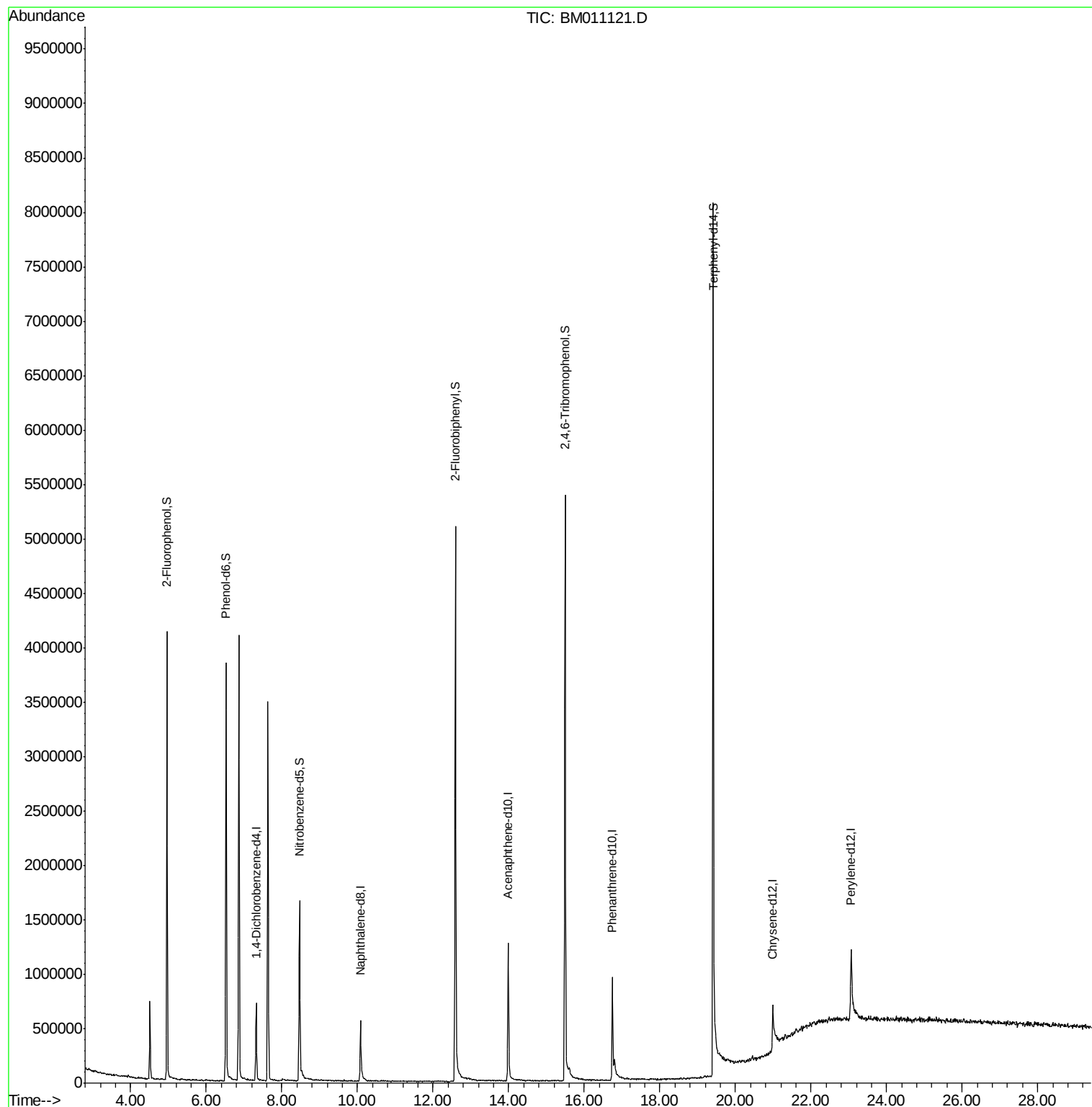
Target Compounds Qvalue

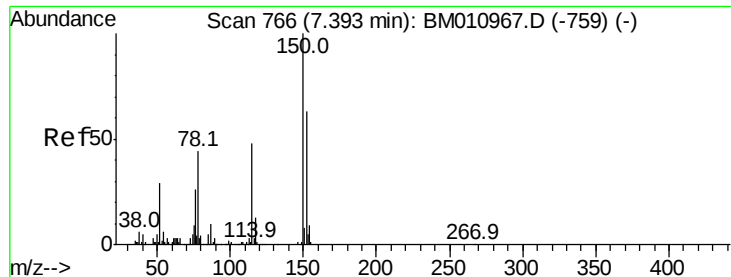
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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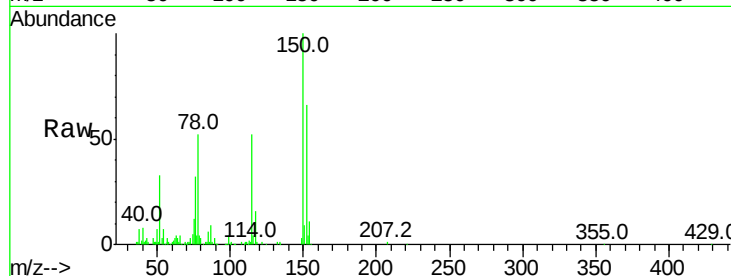


#1

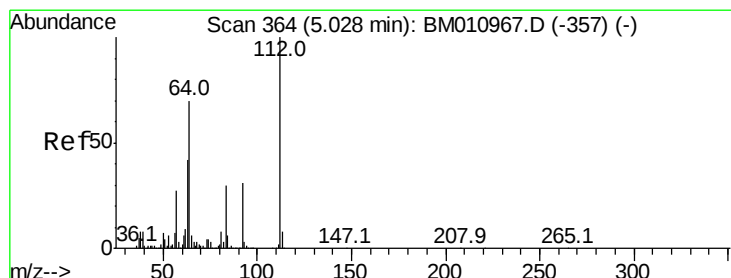
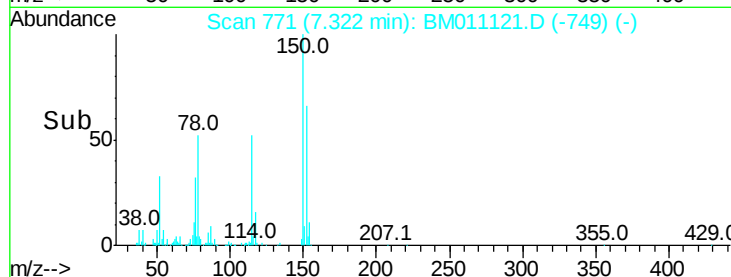
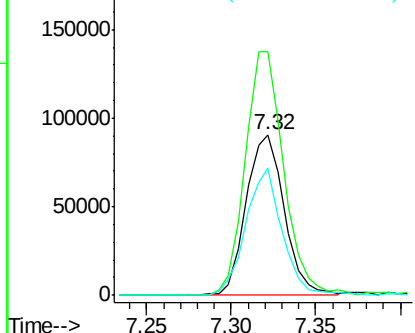
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.32 min Scan# 771
 Delta R.T. -0.07 min
 Lab File: BM011121.D
 Acq: 04 Aug 2017 17:21

Instrument :
 BNA_M
 ClientSampleId :
 PB101225BL

Tot Ion:152 Resp: 141865
 Ion Ratio Lower Upper
 152 100
 150 151.5 119.5 179.3
 115 78.9 43.0 64.4#



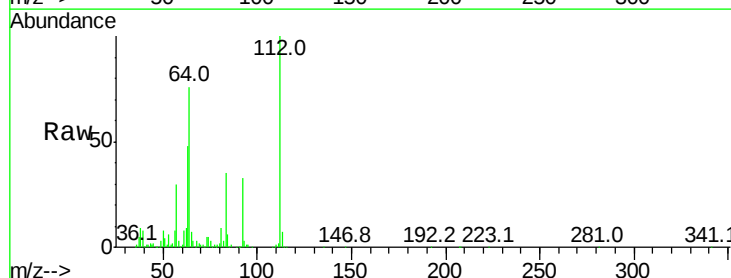
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



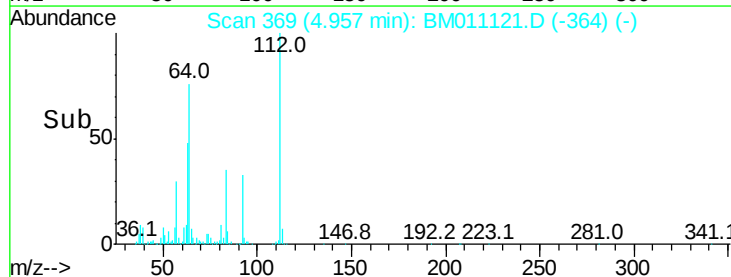
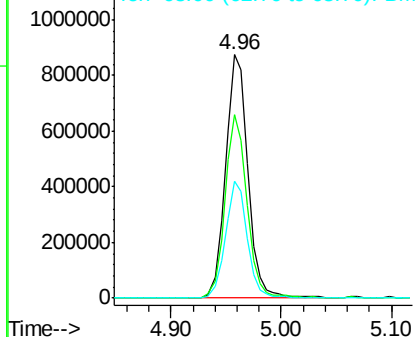
#5

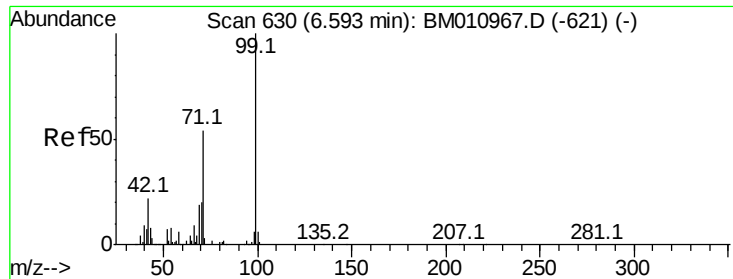
2-Fluorophenol
 Concen: 147.797 ng
 RT: 4.96 min Scan# 369
 Delta R.T. -0.07 min
 Lab File: BM011121.D
 Acq: 04 Aug 2017 17:21

Tgt Ion:112 Resp: 1240339
 Ion Ratio Lower Upper
 112 100
 64 75.6 38.6 57.8#
 63 47.9 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: 141.199 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011121.D

Acq: 04 Aug 2017 17:21

Instrument :

BNA_M

ClientSampleId :

PB101225BL

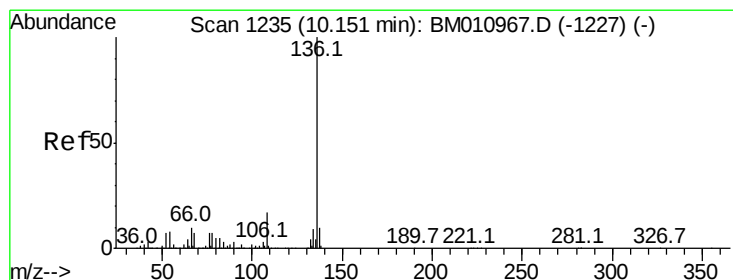
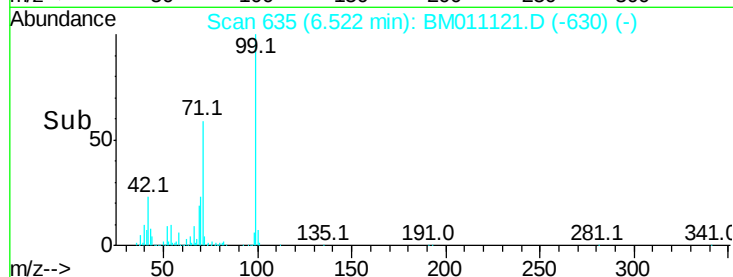
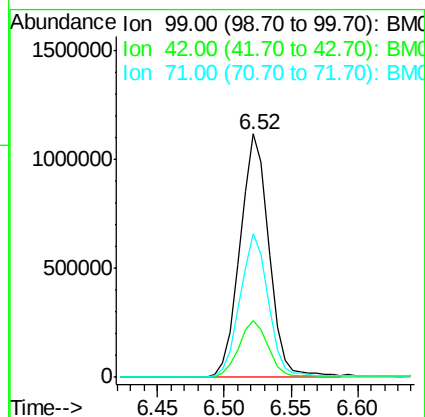
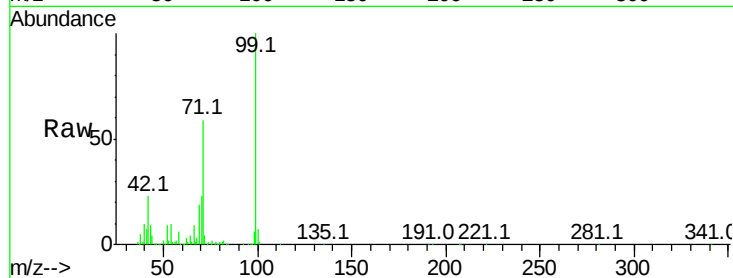
Tot Ion: 99 Resp: 1683630

Ion Ratio Lower Upper

99 100

42 23.2 11.0 16.4#

71 58.9 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.08 min Scan# 1240

Delta R.T. -0.07 min

Lab File: BM011121.D

Acq: 04 Aug 2017 17:21

Tgt Ion: 136 Resp: 456993

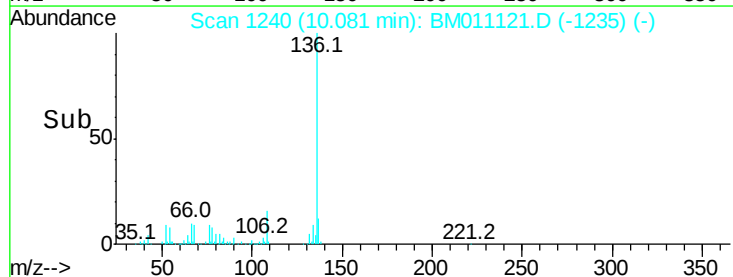
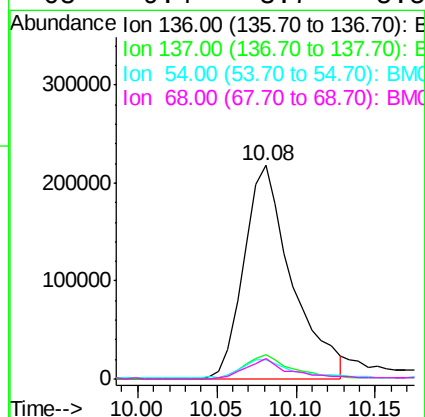
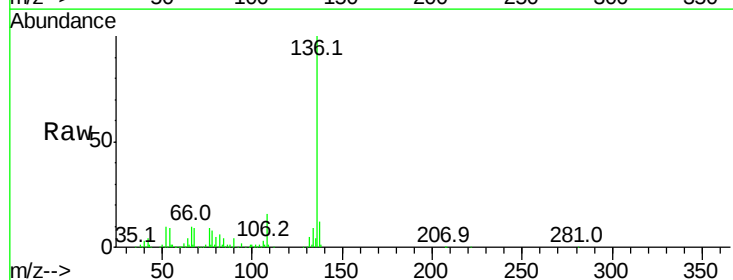
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 9.0 4.6 6.8#

68 9.4 3.7 5.5#

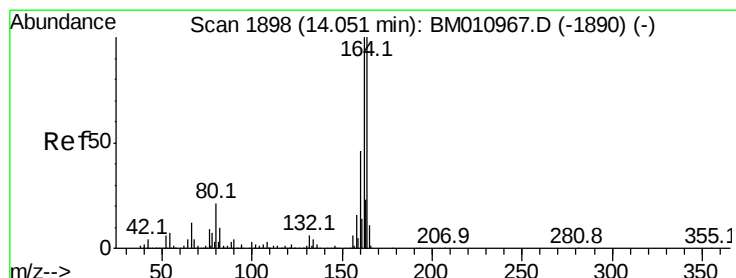
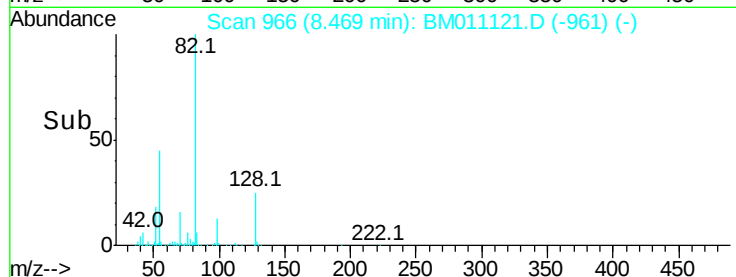
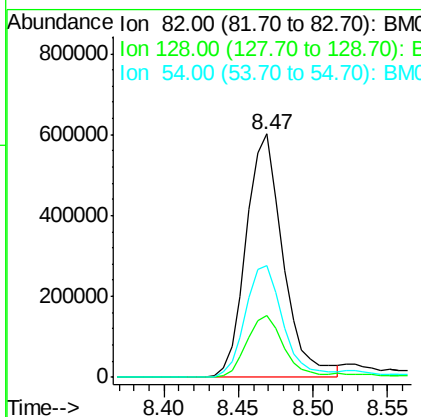
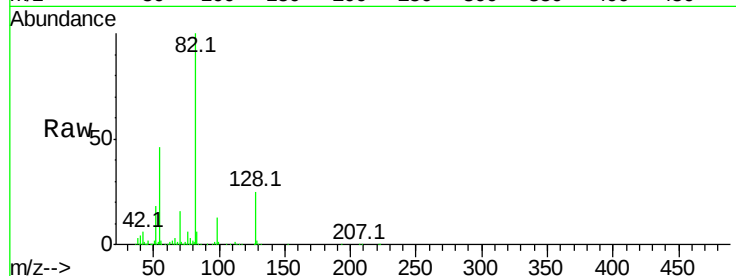




#23
 Nitrobenzene-d5
 Concen: 84.772 ng
 RT: 8.47 min Scan# 966
 Delta R.T. -0.07 min
 Lab File: BM011121.D
 Acq: 04 Aug 2017 17:21

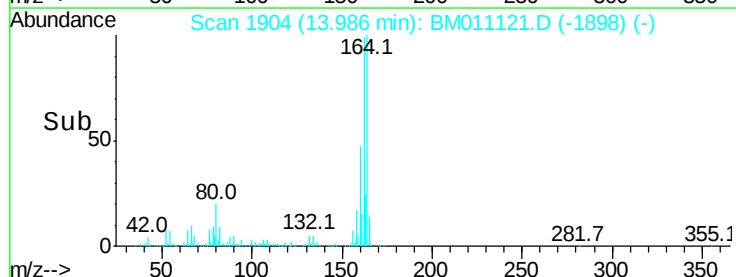
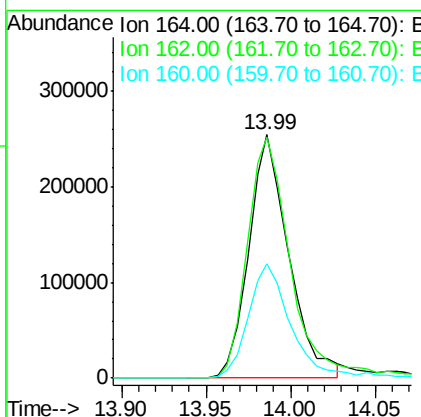
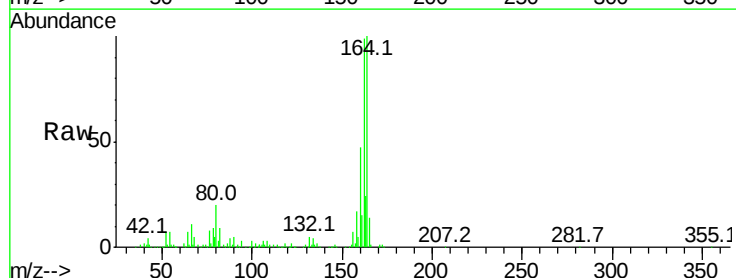
Instrument :
 BNA_M
 ClientSampleId :
 PB101225BL

Tot Ion: 82 Resp: 1032200
 Ion Ratio Lower Upper
 82 100
 128 25.2 32.8 49.2#
 54 45.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.99 min Scan# 1904
 Delta R.T. -0.06 min
 Lab File: BM011121.D
 Acq: 04 Aug 2017 17:21

Tgt Ion:164 Resp: 418401
 Ion Ratio Lower Upper
 164 100
 162 98.8 82.4 123.6
 160 47.2 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 130.204 ng

RT: 15.49 min Scan# 2160

Delta R.T. -0.06 min

Lab File: BM011121.D

Acq: 04 Aug 2017 17:21

Instrument :

BNA_M

ClientSampleId :

PB101225BL

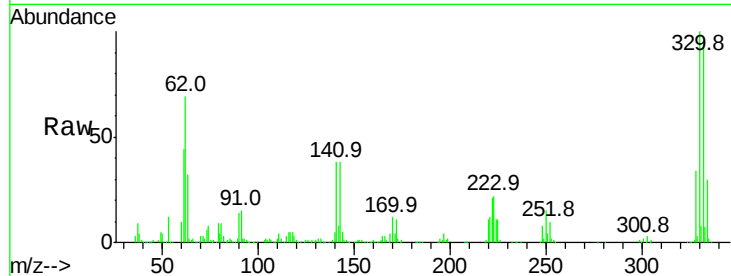
Tot Ion:330 Resp: 873158

Ion Ratio Lower Upper

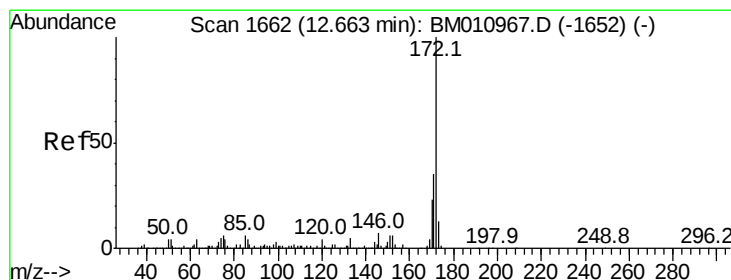
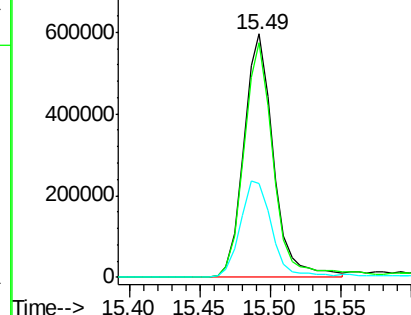
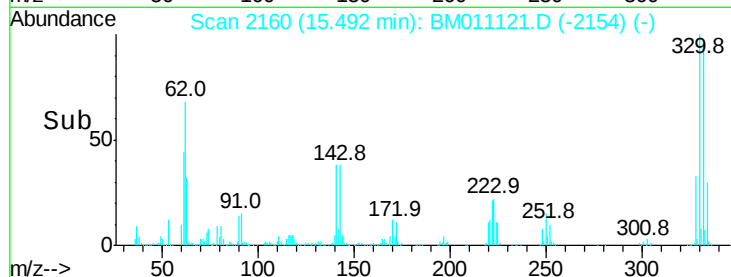
330 100

332 95.7 0.0 0.0#

141 43.0 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: 74.506 ng

RT: 12.59 min Scan# 1667

Delta R.T. -0.07 min

Lab File: BM011121.D

Acq: 04 Aug 2017 17:21

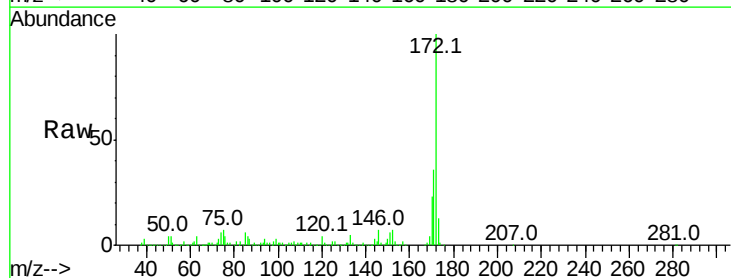
Tgt Ion:172 Resp: 2485641

Ion Ratio Lower Upper

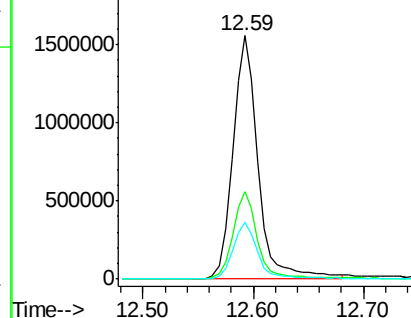
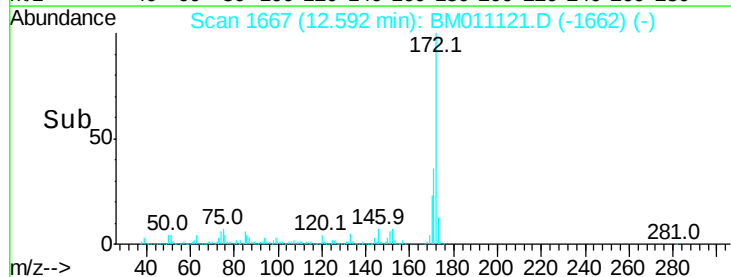
172 100

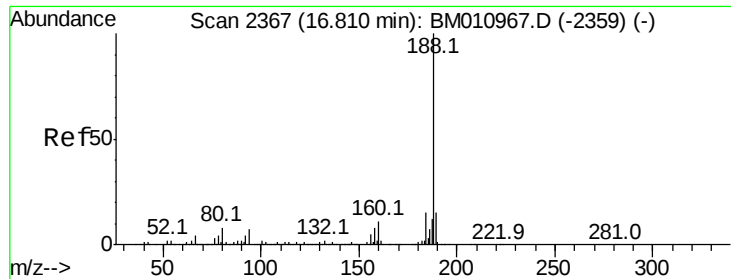
171 35.8 28.5 42.7

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

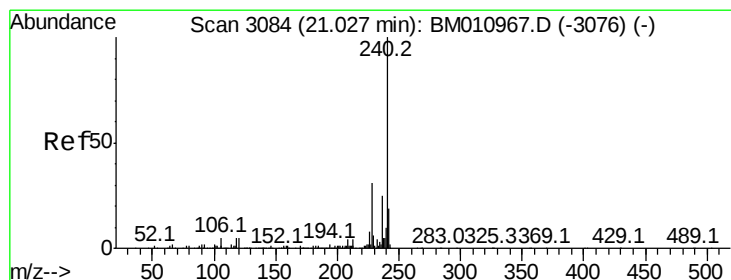
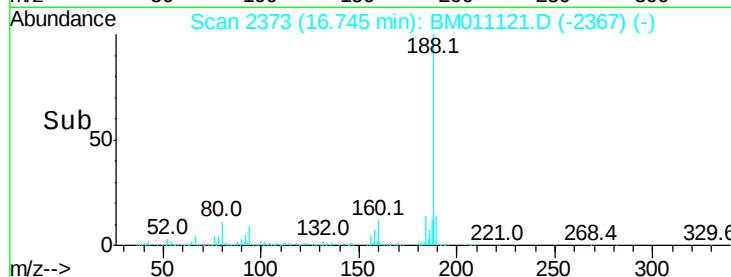
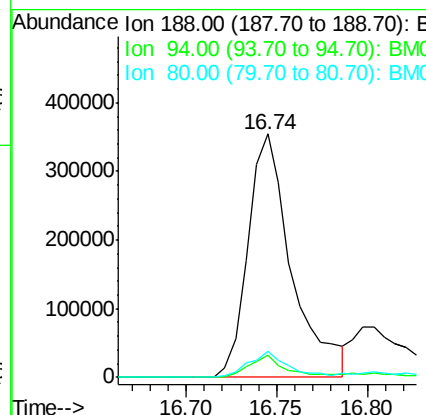
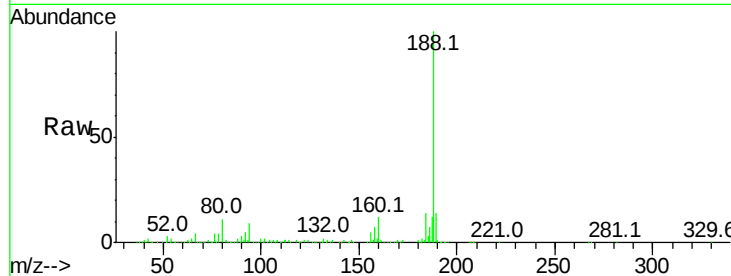




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2373
Delta R.T. -0.06 min
Lab File: BM011121.D
Acq: 04 Aug 2017 17:21

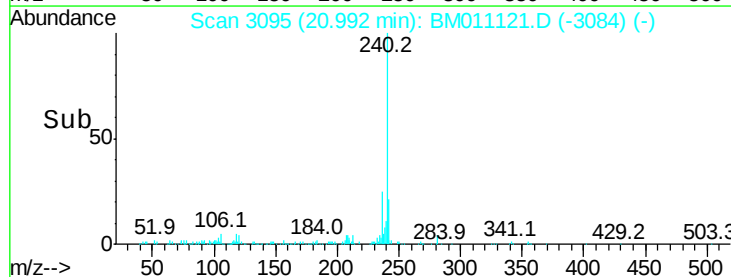
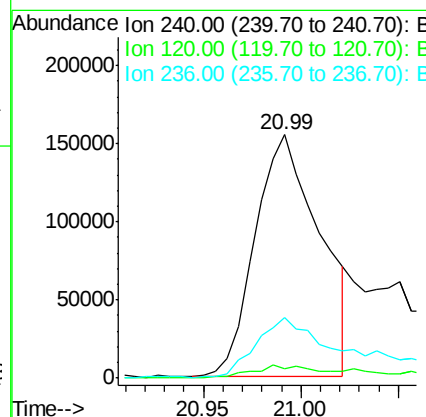
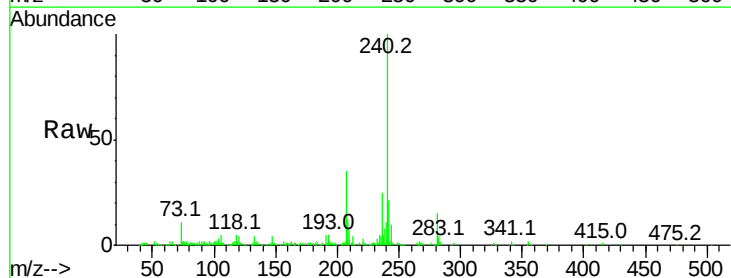
Instrument :
BNA_M
ClientSampleId :
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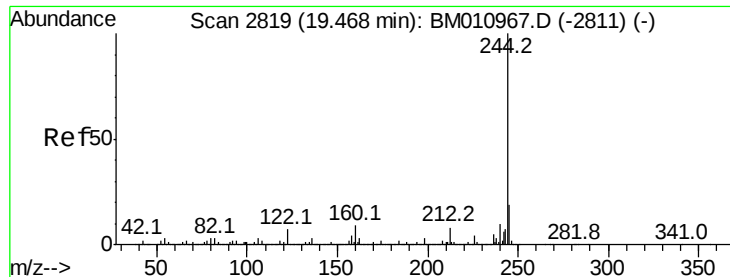
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.7	13.1
80	10.5	9.3	13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3095
Delta R.T. -0.04 min
Lab File: BM011121.D
Acq: 04 Aug 2017 17:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.9	8.2	12.2#
236	24.9	20.0	30.0





#78

Terphenyl-d14

Concen: 219.357 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011121.D

Acq: 04 Aug 2017 17:21

Instrument :

BNA_M

ClientSampleId :

PB101225BL

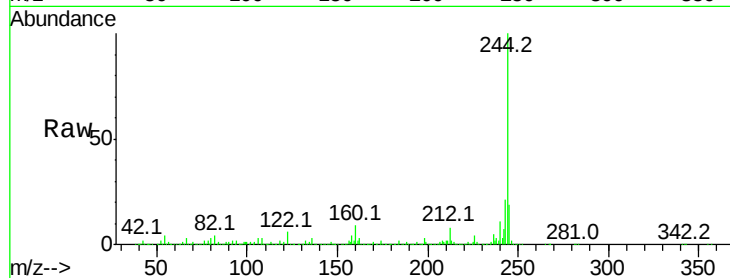
Tot Ion:244 Resp: 3965497

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

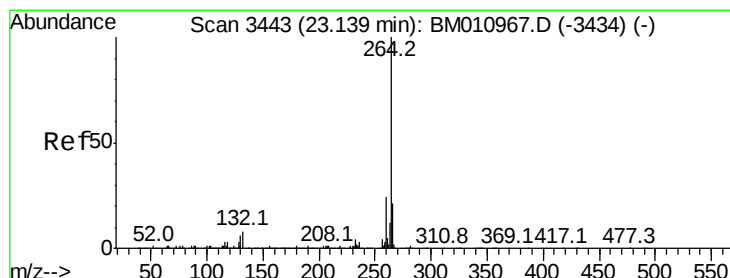
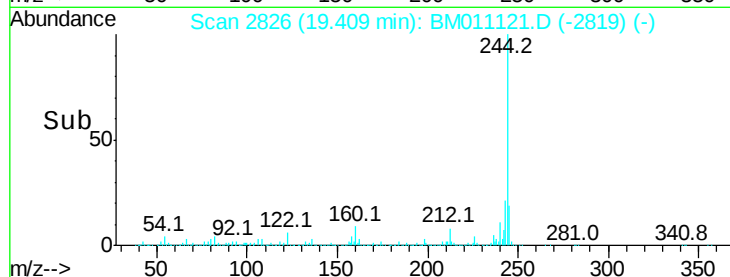
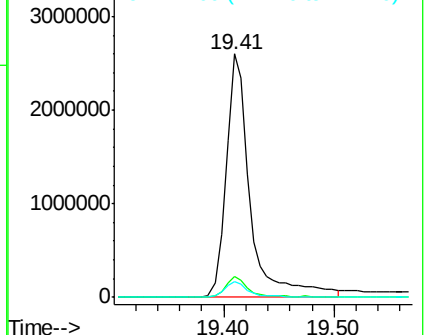
122 6.4 6.2 9.4



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: 20.000 ng

RT: 23.06 min Scan# 3447

Delta R.T. -0.08 min

Lab File: BM011121.D

Acq: 04 Aug 2017 17:21

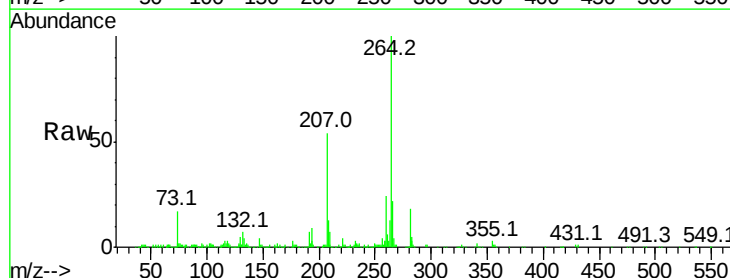
Tgt Ion:264 Resp: 793760

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.6 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

