

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080517\
 Data File : BM011145.D
 Acq On : 05 Aug 2017 16:55
 Operator : SJ/JU
 Sample : I4562-12RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-080117-DRE

Quant Time: Aug 06 01:18:50 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	7.31	152	97269	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	336057	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	278989	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	763571	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1111978	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1223538	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	534232	92.84	ng	-0.08
7) Phenol-d6	6.52	99	674054	82.45	ng	-0.08
23) Nitrobenzene-d5	8.46	82	621539	69.41	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	478620	107.04	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	1227613	55.18	ng	-0.08
78) Terphenyl-d14	19.41	244	3420238	60.93	ng	-0.06

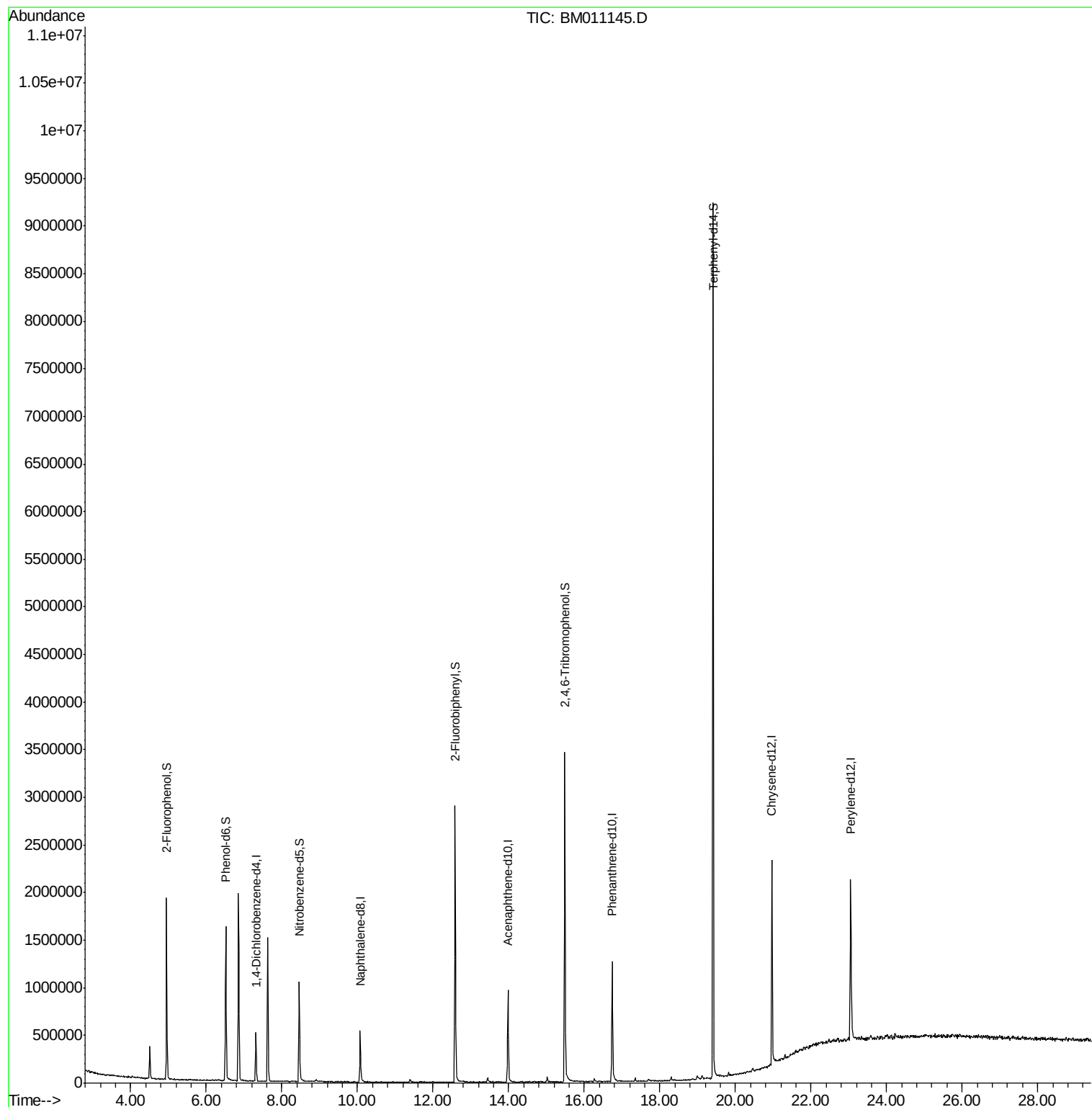
Target Compounds	Qvalue
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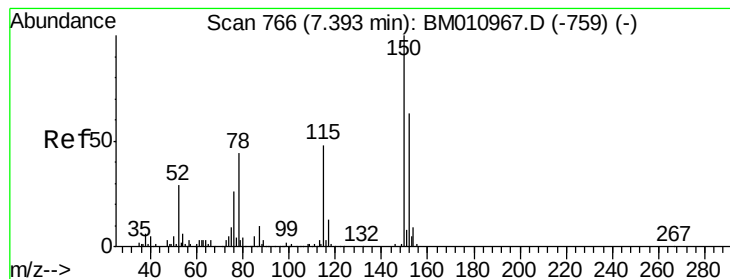
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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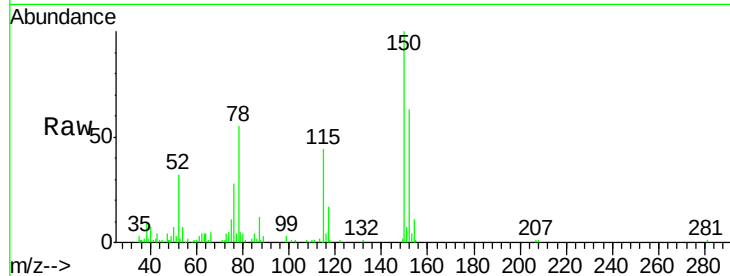


#1

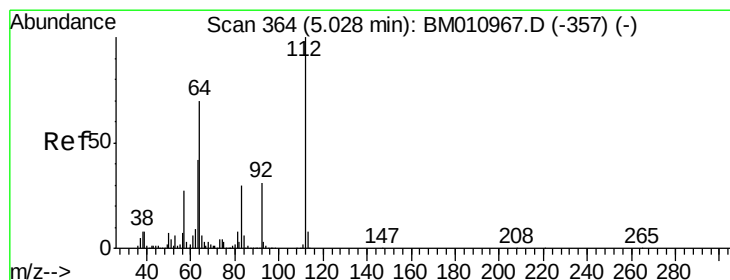
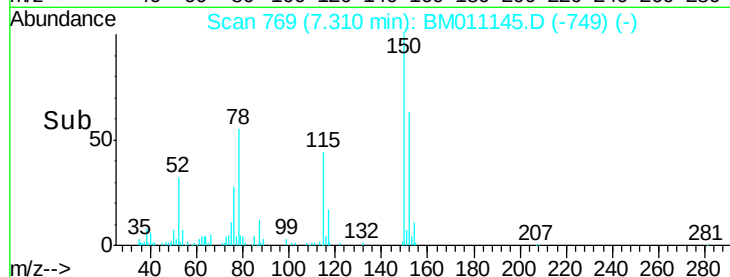
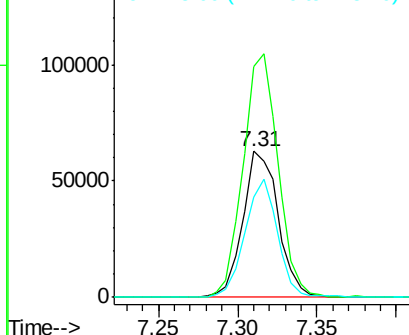
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.31 min Scan# 769
Delta R.T. -0.08 min
Lab File: BM011145.D
Acq: 05 Aug 2017 16:55

Instrument :
BNA_M
ClientSampleId :
JC-02-080117-DRE

Tgt Ion:152 Resp: 97269
Ion Ratio Lower Upper
152 100
150 158.6 119.5 179.3
115 69.1 43.0 64.4#



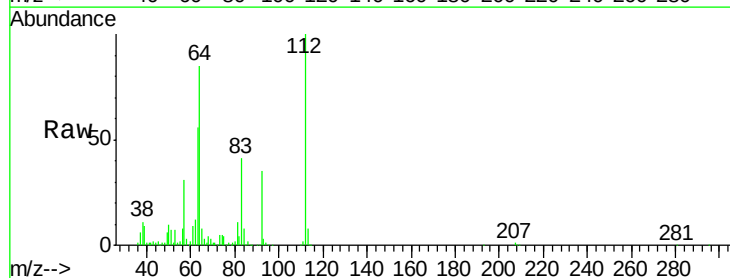
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



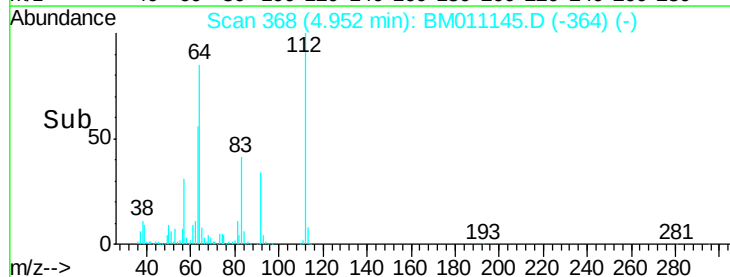
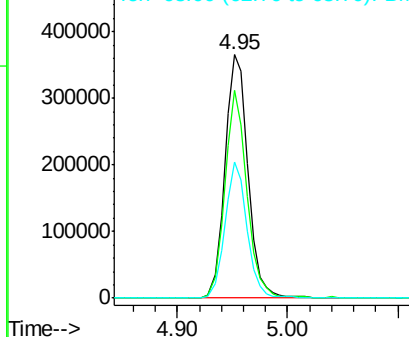
#5

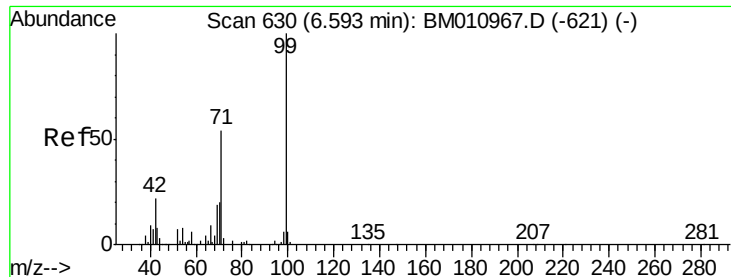
2-Fluorophenol
Concen: 92.844 ng
RT: 4.95 min Scan# 368
Delta R.T. -0.08 min
Lab File: BM011145.D
Acq: 05 Aug 2017 16:55

Tgt Ion:112 Resp: 534232
Ion Ratio Lower Upper
112 100
64 85.4 38.6 57.8#
63 56.0 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: 82.448 ng

RT: 6.52 min Scan# 634

Delta R.T. -0.08 min

Lab File: BM011145.D

Acq: 05 Aug 2017 16:55

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-DRE

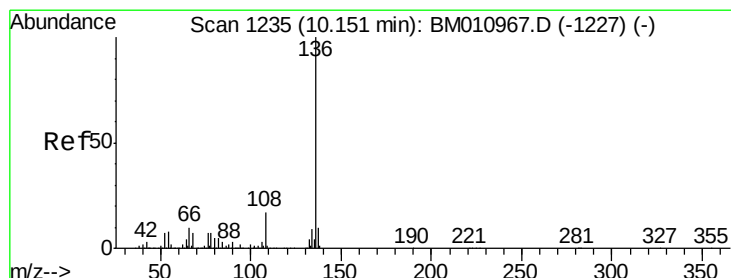
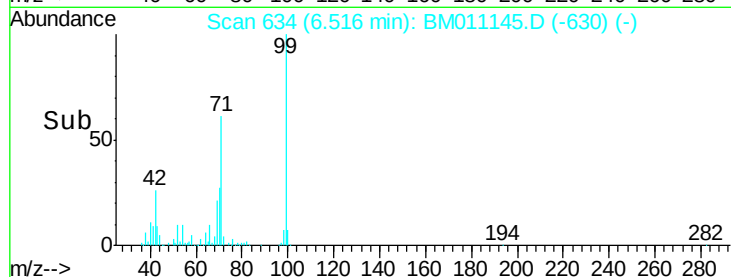
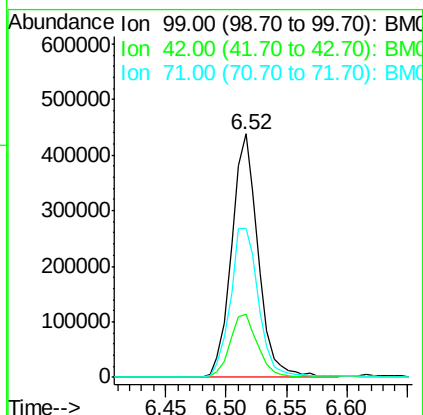
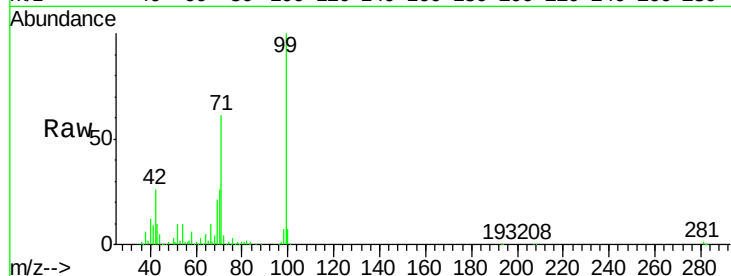
Tgt Ion: 99 Resp: 674054

Ion Ratio Lower Upper

99 100

42 26.1 11.0 16.4#

71 61.1 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011145.D

Acq: 05 Aug 2017 16:55

Tgt Ion: 136 Resp: 336057

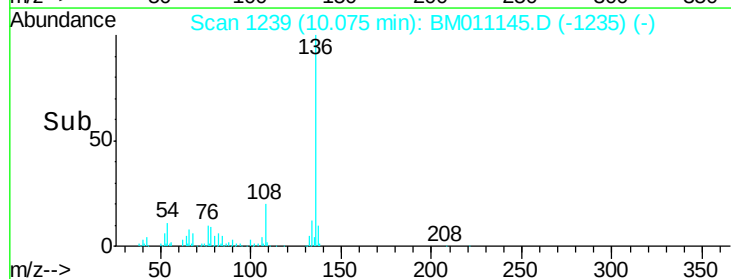
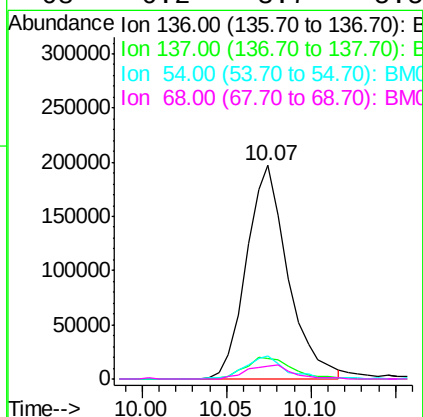
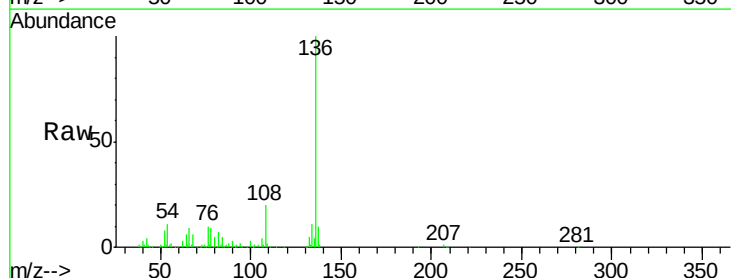
Ion Ratio Lower Upper

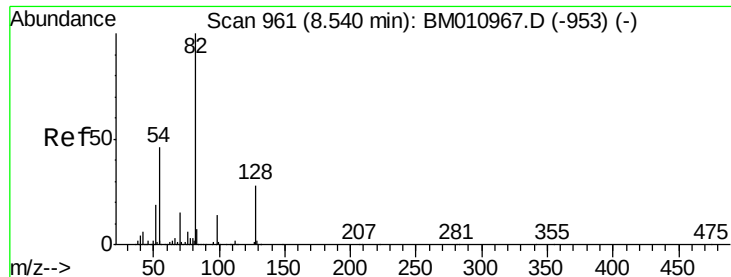
136 100

137 9.7 8.7 13.1

54 11.0 4.6 6.8#

68 6.2 3.7 5.5#

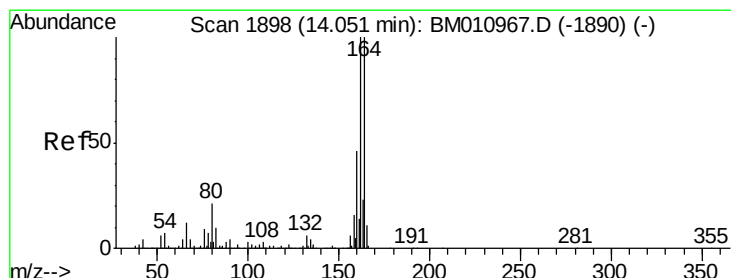
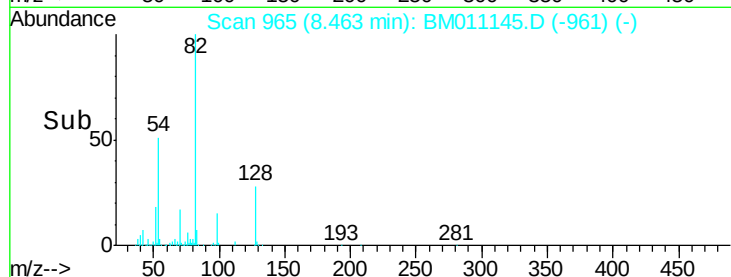
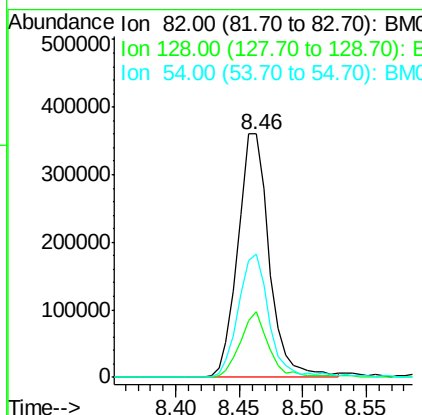
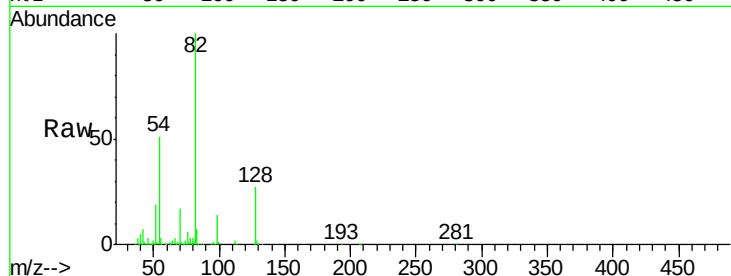




#23
 Nitrobenzene-d5
 Concen: 69.415 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011145.D
 Acq: 05 Aug 2017 16:55

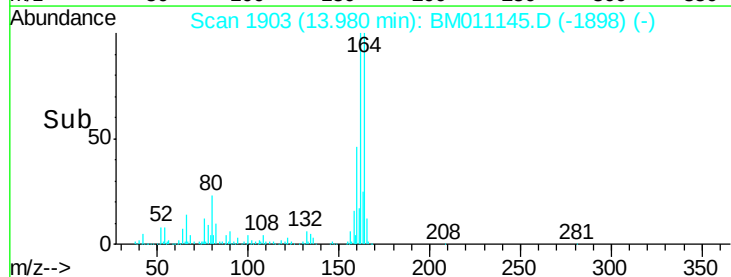
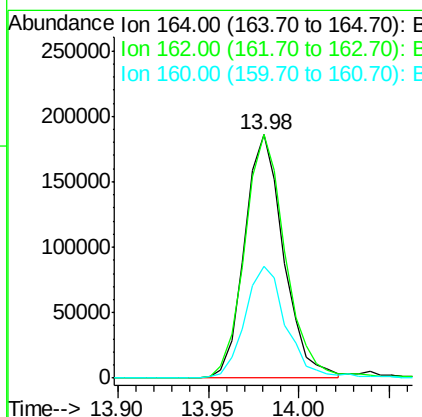
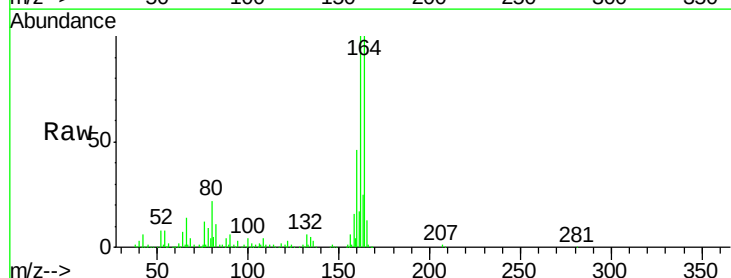
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-080117-DRE

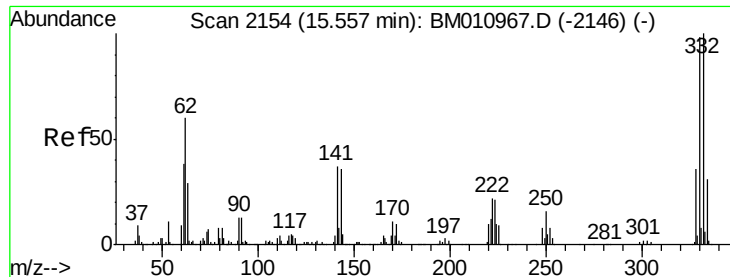
Tgt Ion	Ratio	Lower	Upper
82	100		
128	26.7	32.8	49.2#
54	50.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011145.D
 Acq: 05 Aug 2017 16:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.4	123.6
160	46.0	35.8	53.6

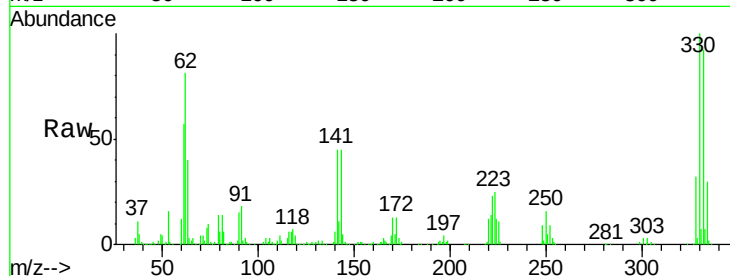




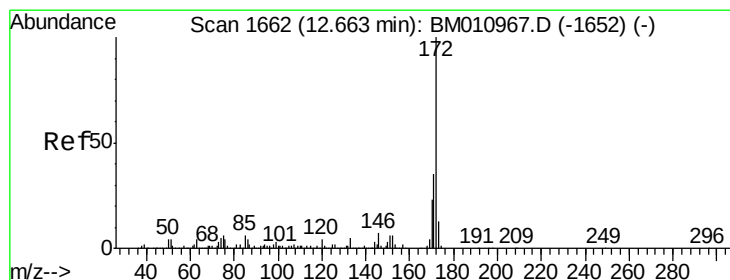
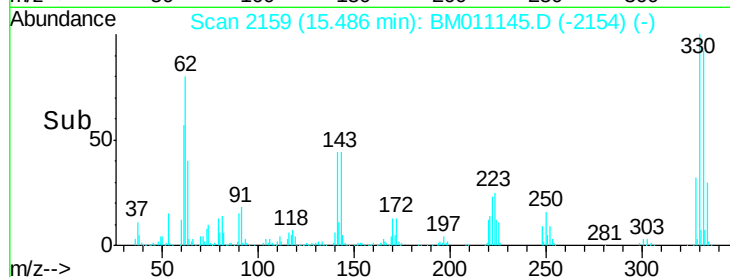
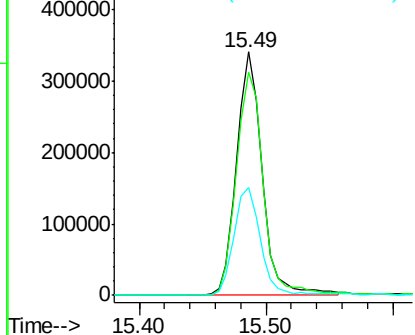
#41
 2,4,6-Tribromophenol
 Concen: 107.035 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011145.D
 Acq: 05 Aug 2017 16:55

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-080117-DRE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	45.8	0.0	0.0#

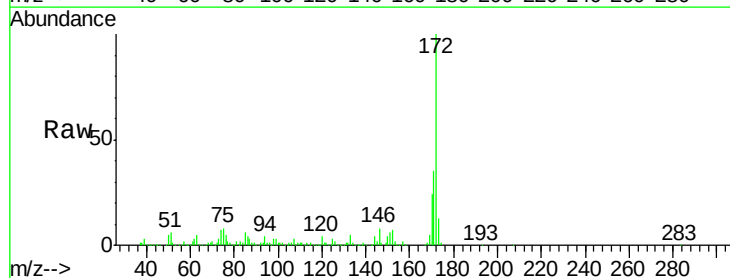


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

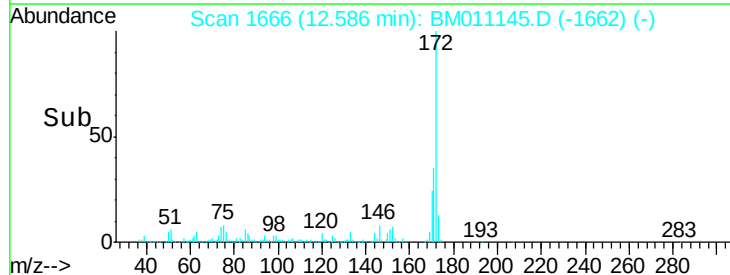
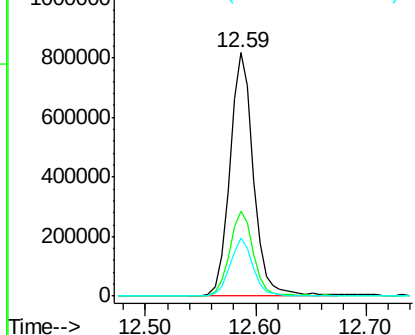


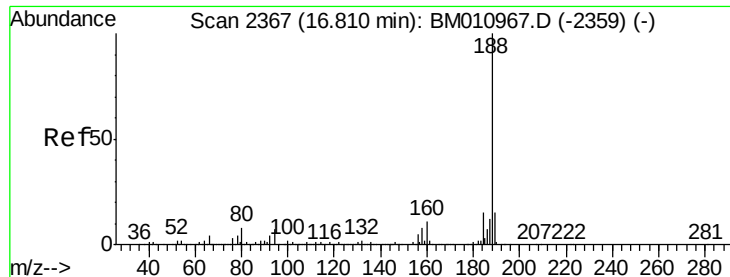
#44
 2-Fluorobiphenyl
 Concen: 55.185 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011145.D
 Acq: 05 Aug 2017 16:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.7	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

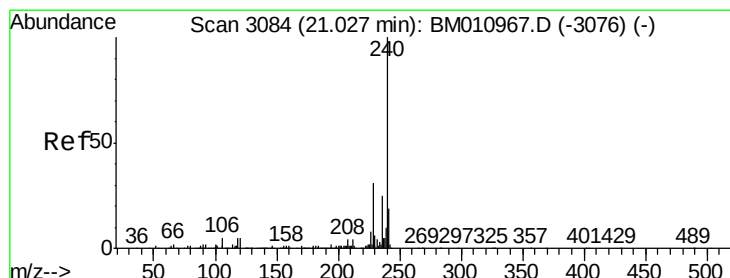
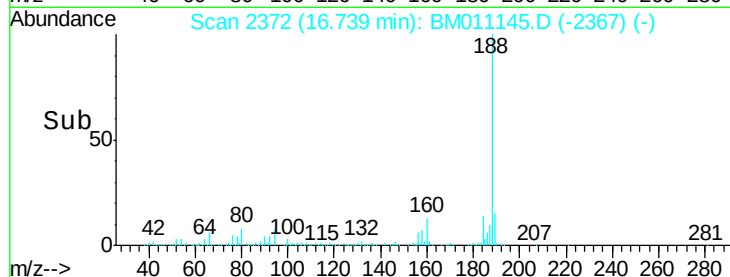
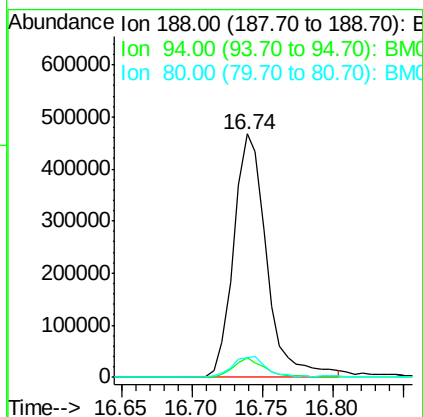
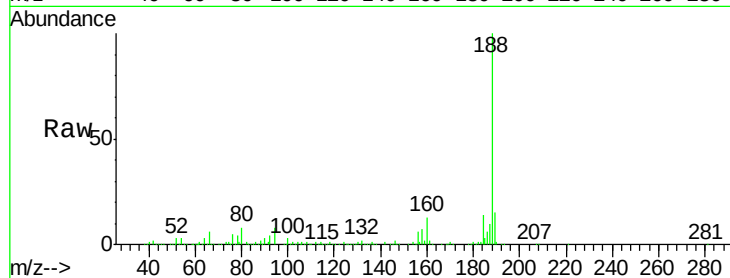




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011145.D
Acq: 05 Aug 2017 16:55

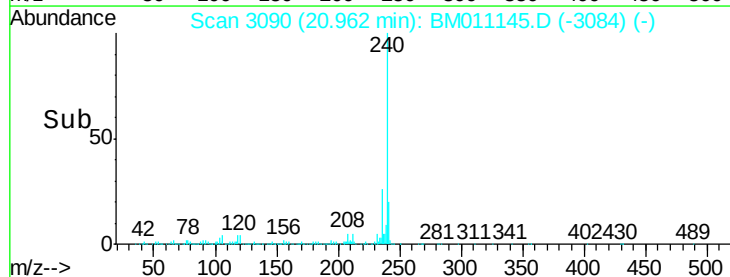
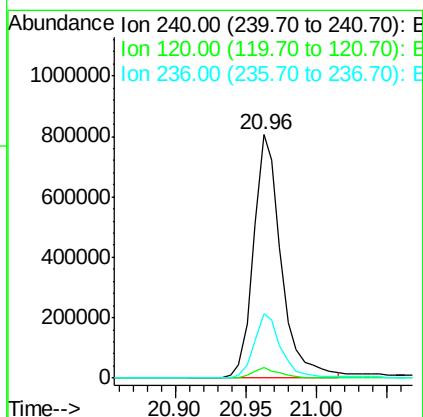
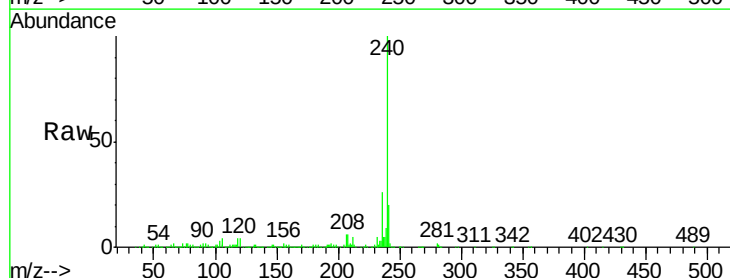
Instrument :
BNA_M
ClientSampleId :
JC-02-080117-DRE

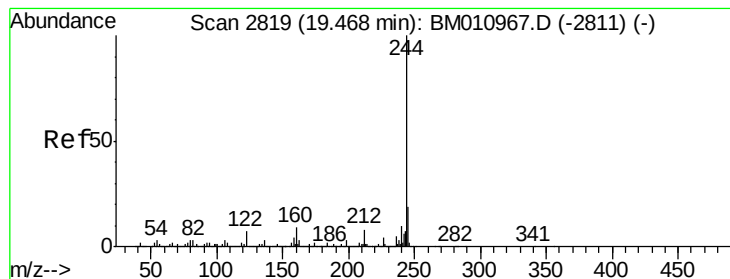
Tgt Ion:188 Resp: 763571
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 8.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011145.D
Acq: 05 Aug 2017 16:55

Tgt Ion:240 Resp: 1111978
Ion Ratio Lower Upper
240 100
120 4.2 8.2 12.2#
236 26.2 20.0 30.0





#78

Terphenyl-d14

Concen: 60.928 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011145.D

Acq: 05 Aug 2017 16:55

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-DRE

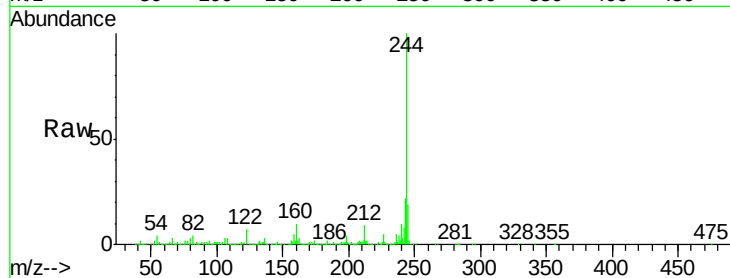
Tgt Ion:244 Resp: 3420238

Ion Ratio Lower Upper

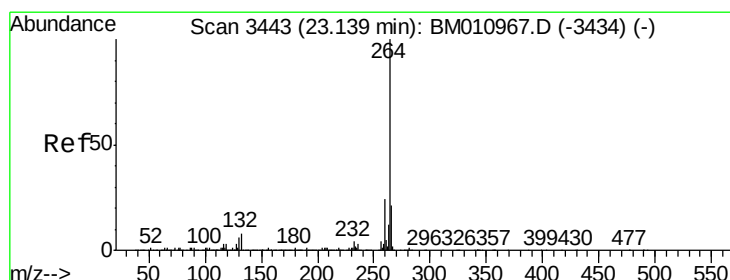
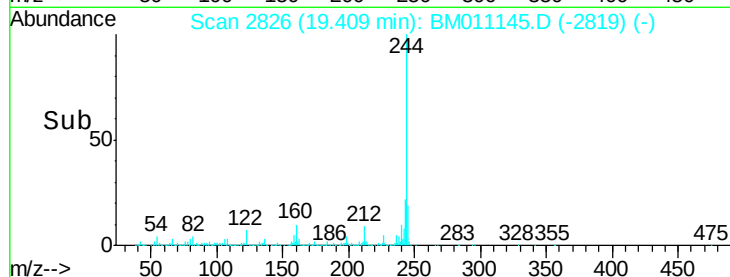
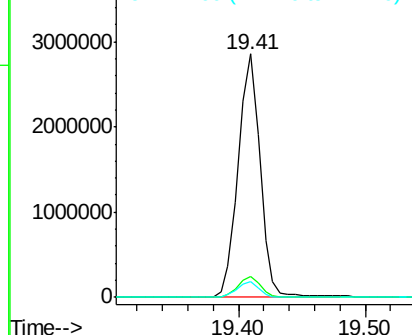
244 100

212 8.7 4.9 7.3#

122 6.7 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: 23.05 min Scan# 3445

Delta R.T. -0.09 min

Lab File: BM011145.D

Acq: 05 Aug 2017 16:55

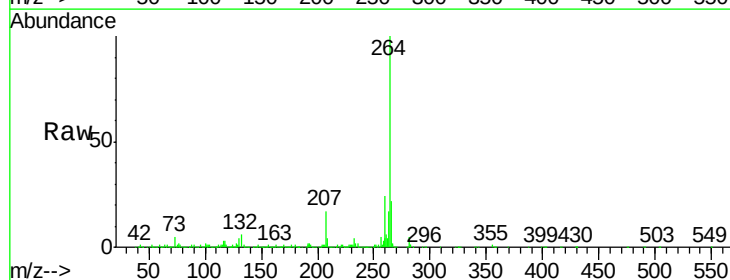
Tgt Ion:264 Resp: 1223538

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 21.9 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

