

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080517\
 Data File : BM011144.D
 Acq On : 05 Aug 2017 16:18
 Operator : SJ/JU
 Sample : I4562-15RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 06 01:47:38 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	99419	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	349710	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	272300	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	752994	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1148709	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1009624	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	641248	109.03	ng	-0.08
7) Phenol-d6	6.52	99	783992	93.82	ng	-0.08
23) Nitrobenzene-d5	8.46	82	757092	81.25	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	552952	126.70	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	1469598	67.69	ng	-0.08
78) Terphenyl-d14	19.41	244	3953773	68.18	ng	-0.06

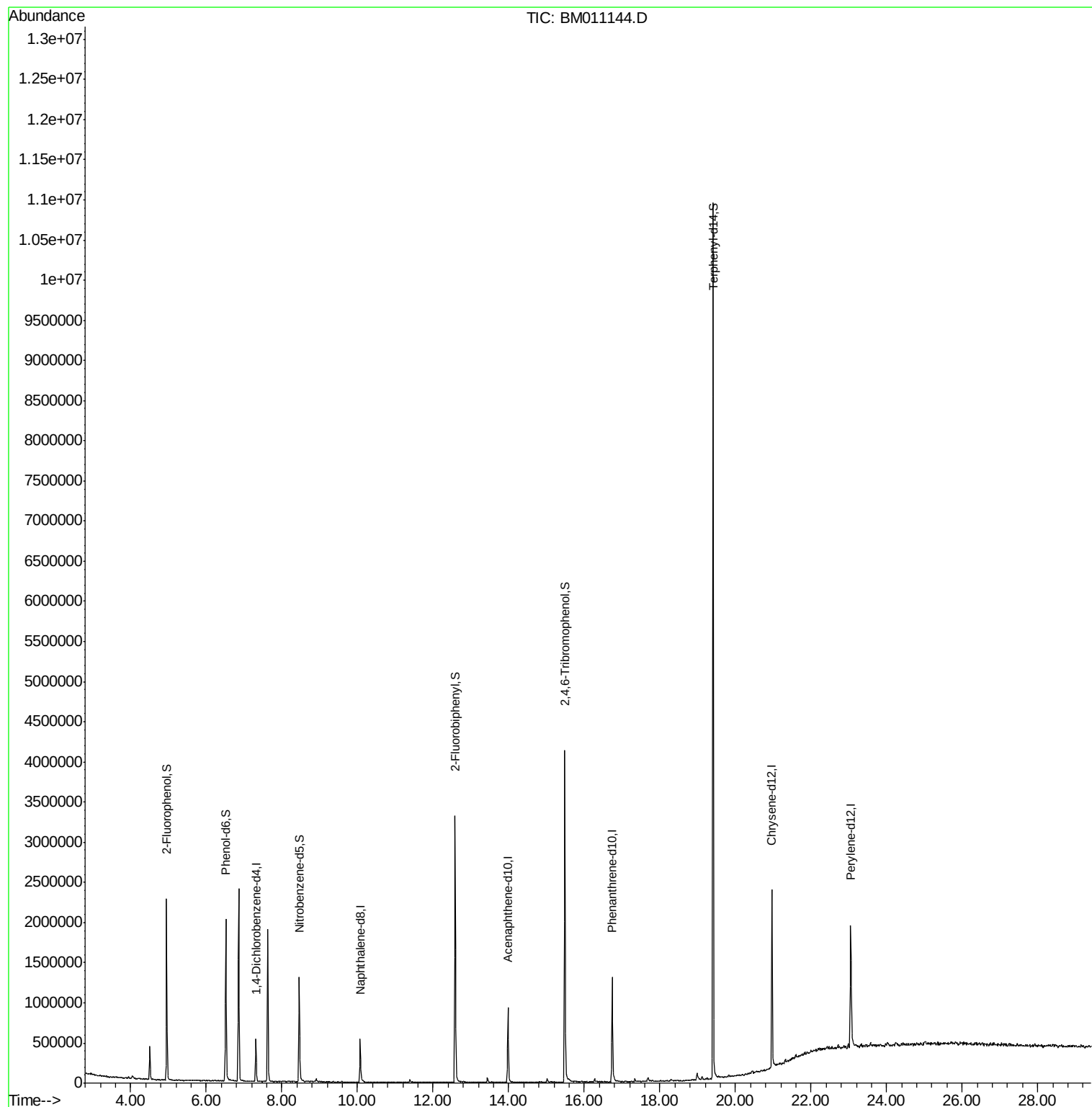
Target Compounds Qvalue

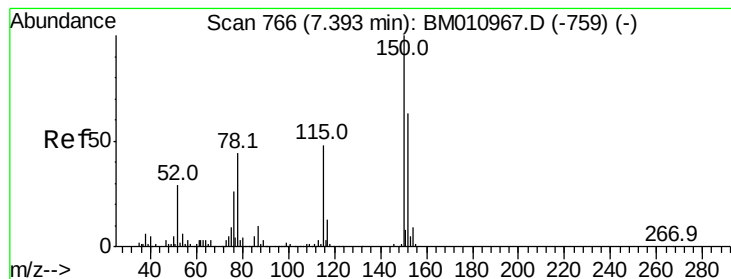
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.32 min Scan# 770

Delta R.T. -0.08 min

Lab File: BM011144.D

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ClientSampleId :

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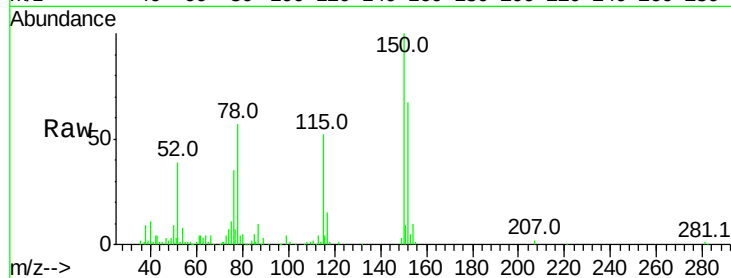
Tot Ion:152 Resp: 99419

Ion Ratio Lower Upper

152 100

150 148.9 119.5 179.3

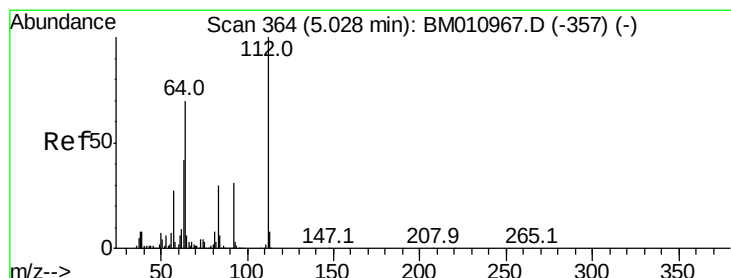
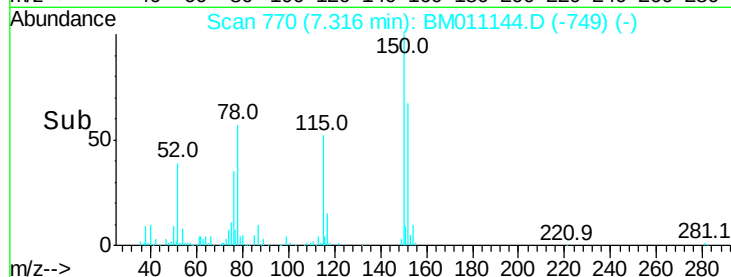
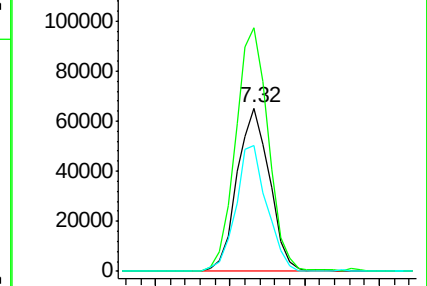
115 76.7 43.0 64.4#



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: 109.033 ng

RT: 4.95 min Scan# 368

Delta R.T. -0.08 min

Lab File: BM011144.D

Acq: 05 Aug 2017 16:18

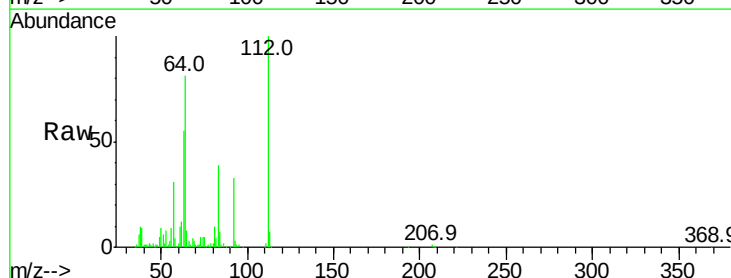
Tgt Ion:112 Resp: 641248

Ion Ratio Lower Upper

112 100

64 80.9 38.6 57.8#

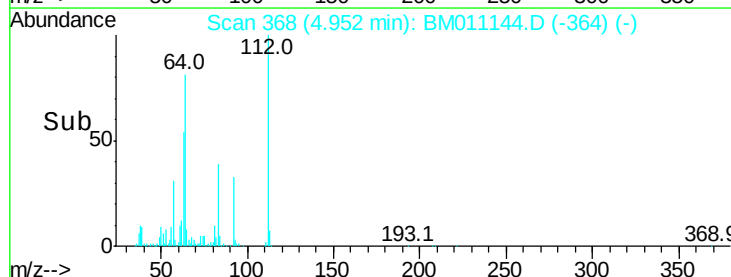
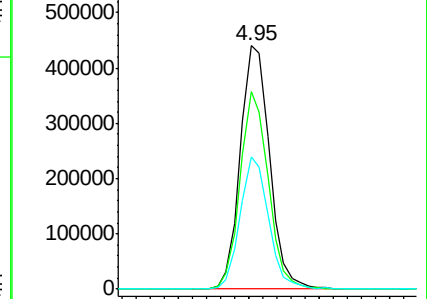
63 54.6 19.3 28.9#

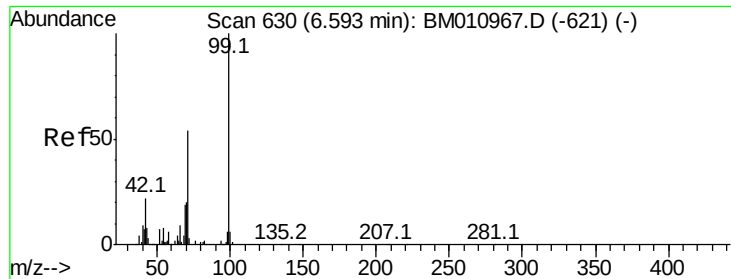


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 93.822 ng

RT: 6.52 min Scan# 634

Delta R.T. -0.08 min

Lab File: BM011144.D

Acq: 05 Aug 2017 16:18

Instrument :

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ClientSampleId :

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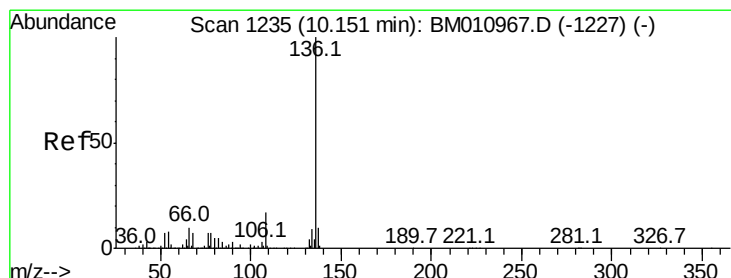
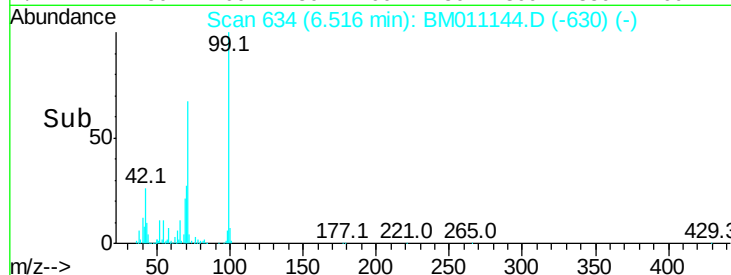
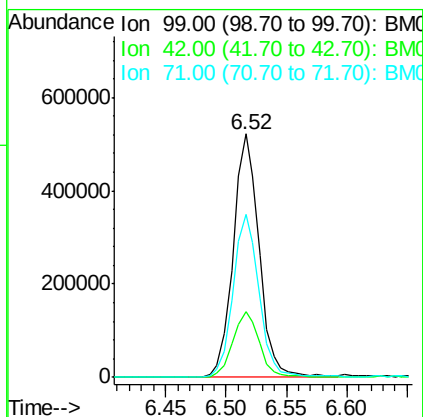
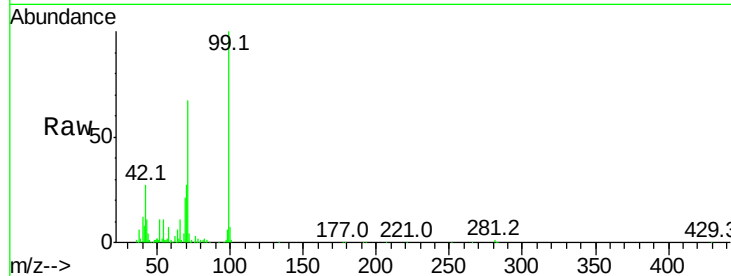
Tot Ion: 99 Resp: 783992

Ion Ratio Lower Upper

99 100

42 26.7 11.0 16.4#

71 67.1 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: BM011144.D

Acq: 05 Aug 2017 16:18

Tgt Ion: 136 Resp: 349710

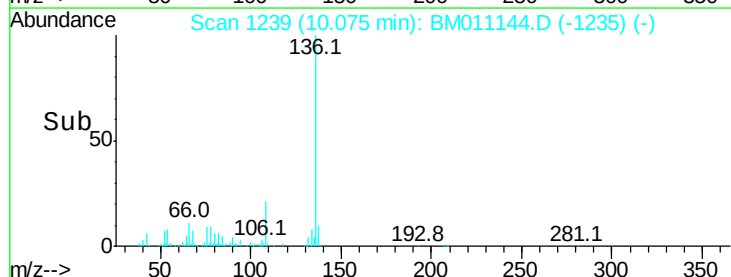
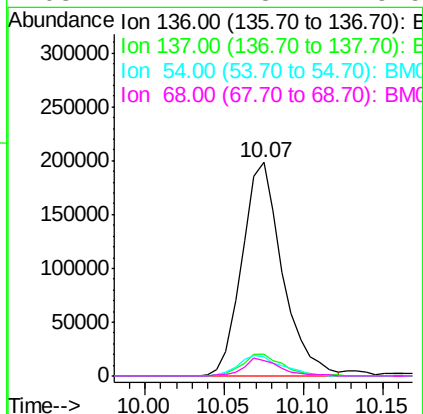
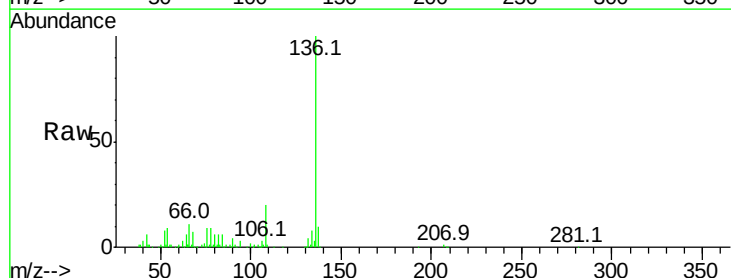
Ion Ratio Lower Upper

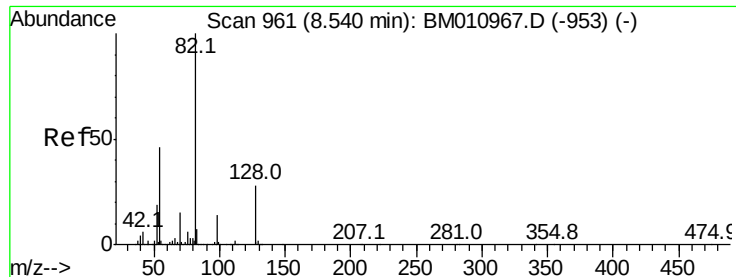
136 100

137 10.2 8.7 13.1

54 8.8 4.6 6.8#

68 7.1 3.7 5.5#

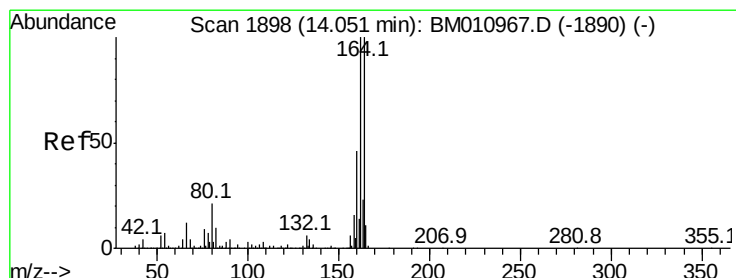
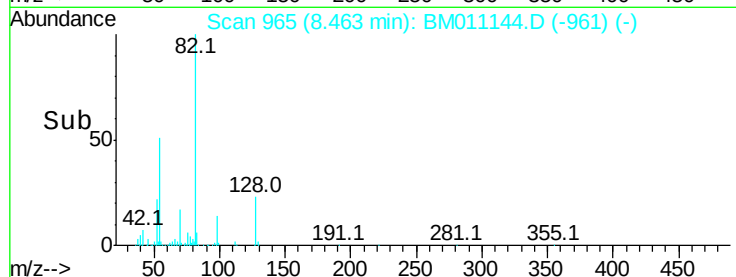
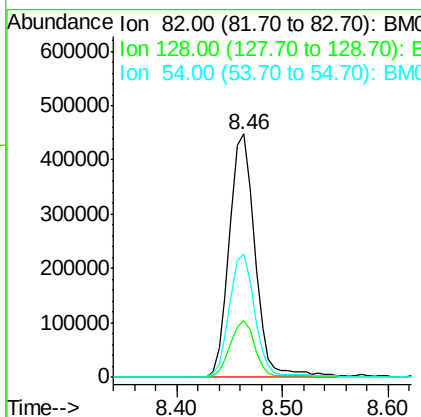
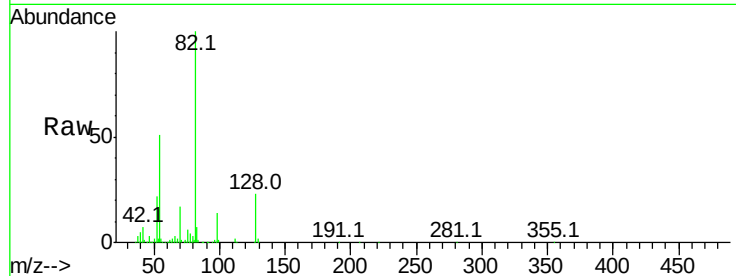




#23
 Nitrobenzene-d5
 Concen: 81.253 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011144.D
 Acq: 05 Aug 2017 16:18

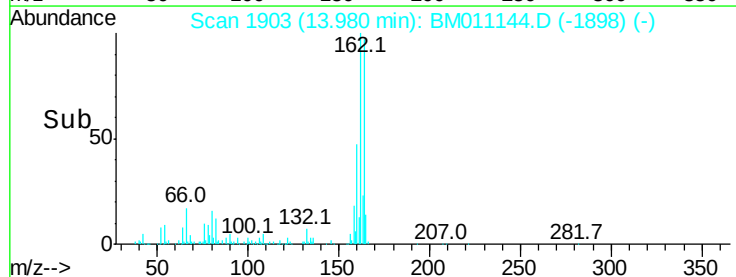
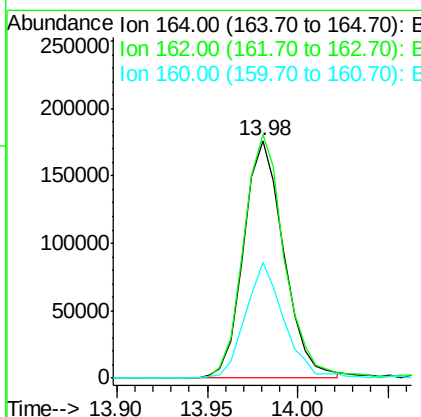
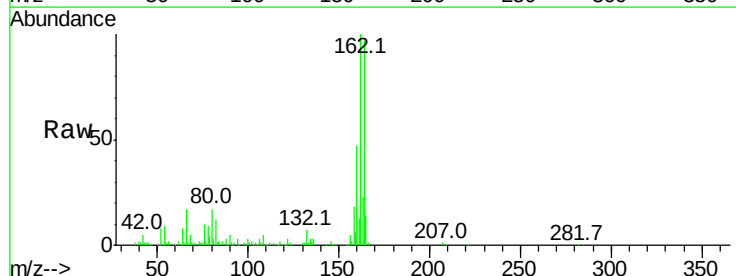
Instrument :
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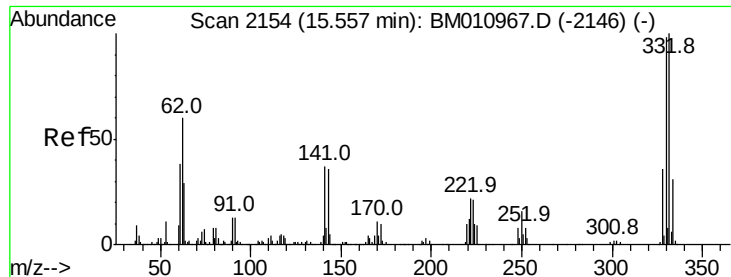
Tot Ion	82	Resp	757092
Ion Ratio	Lower	Upper	
82	100		
128	23.2	32.8	49.2#
54	50.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011144.D
 Acq: 05 Aug 2017 16:18

Tgt Ion	164	Resp	272300
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.4	123.6
160	48.6	35.8	53.6

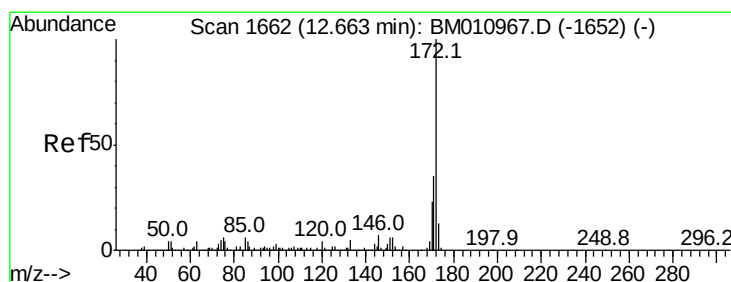
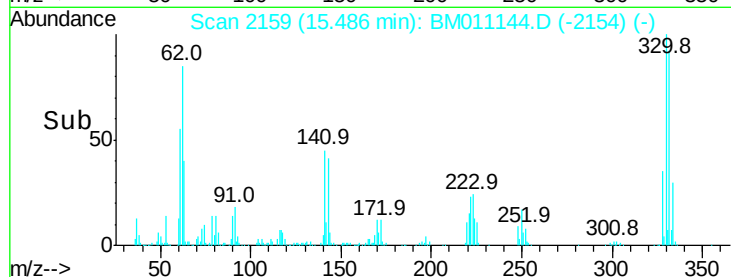
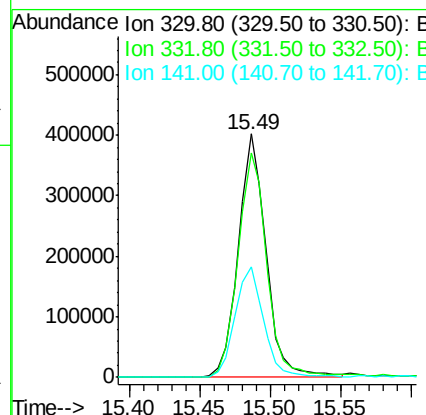
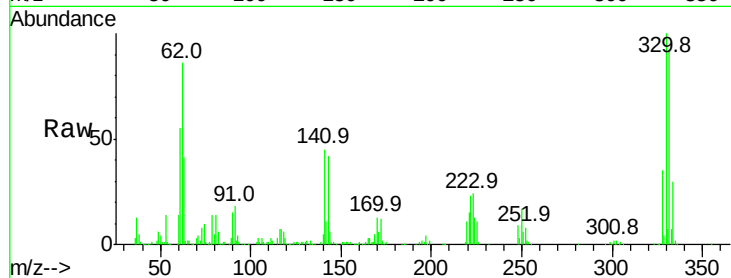




#41
 2,4,6-Tribromophenol
 Concen: 126.696 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011144.D
 Acq: 05 Aug 2017 16:18

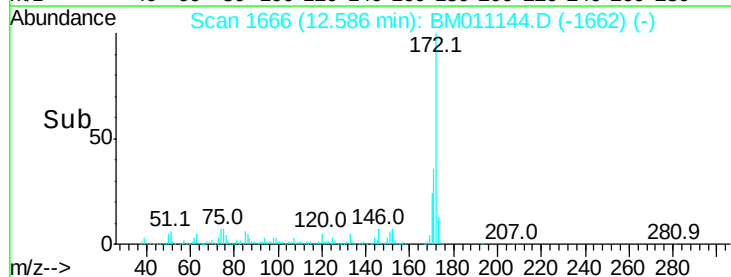
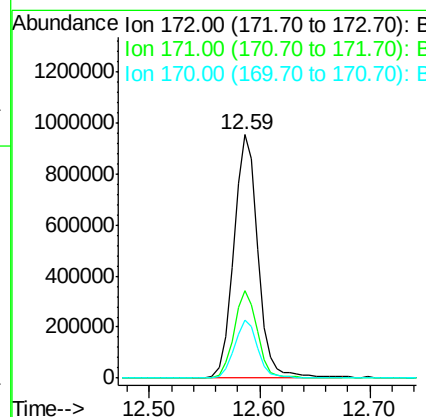
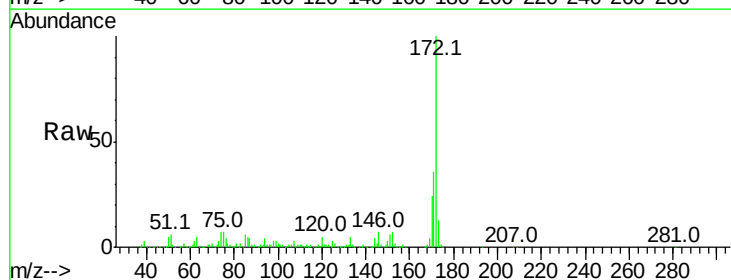
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-080117-ERE

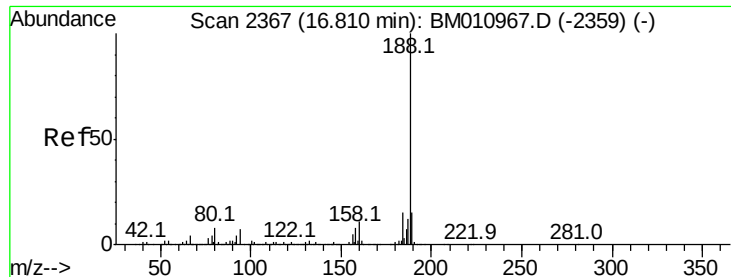
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	46.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 67.685 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011144.D
 Acq: 05 Aug 2017 16:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	23.8	18.8	28.2

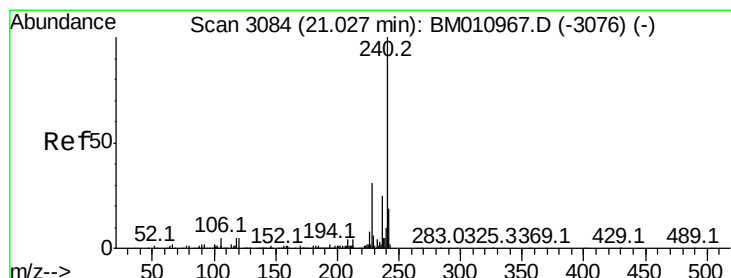
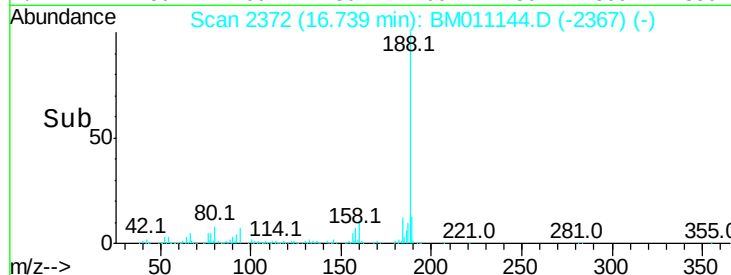
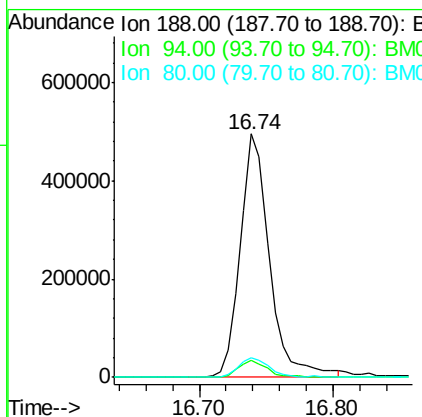
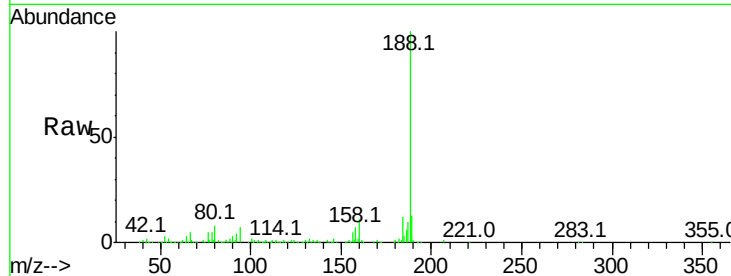




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011144.D
Acq: 05 Aug 2017 16:18

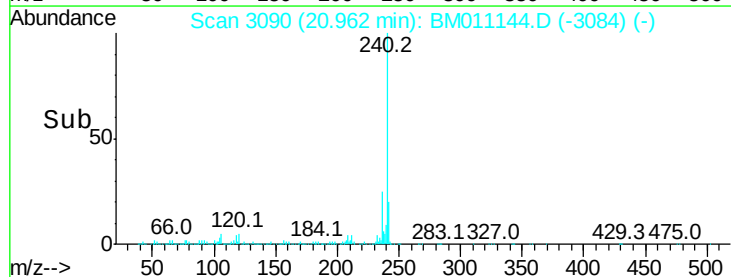
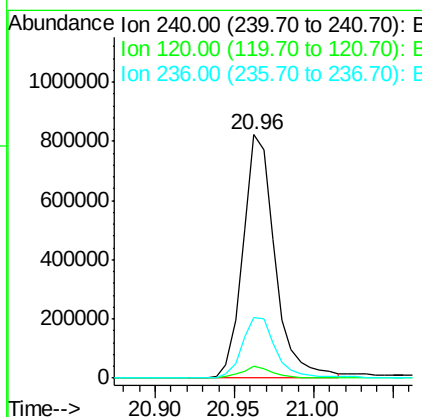
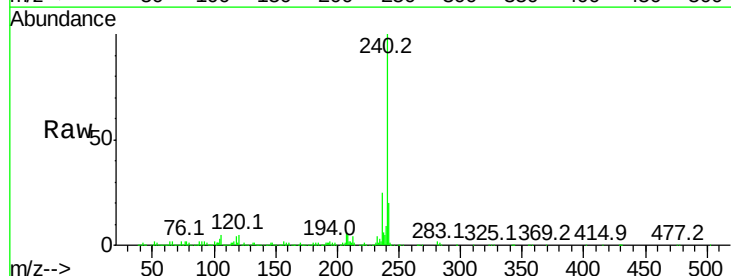
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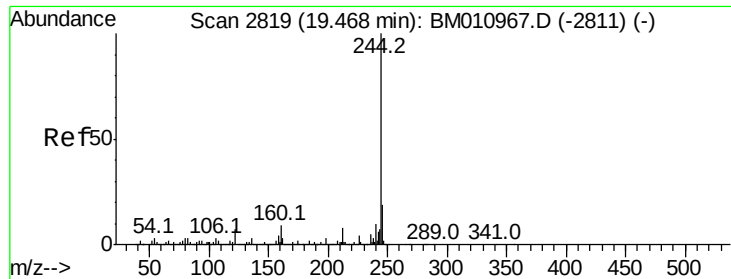
Tot Ion:188 Resp: 752994
Ion Ratio Lower Upper
188 100
94 6.9 8.7 13.1#
80 7.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011144.D
Acq: 05 Aug 2017 16:18

Tgt Ion:240 Resp: 1148709
Ion Ratio Lower Upper
240 100
120 4.7 8.2 12.2#
236 25.0 20.0 30.0





#78

Terphenyl-d14

Concen: 68.180 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011144.D

Acq: 05 Aug 2017 16:18

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-ERE

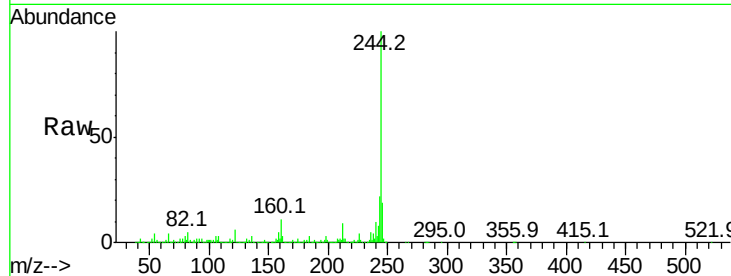
Tot Ion:244 Resp: 3953773

Ion Ratio Lower Upper

244 100

212 9.1 4.9 7.3#

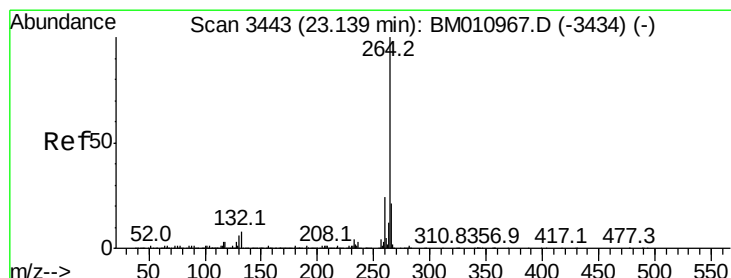
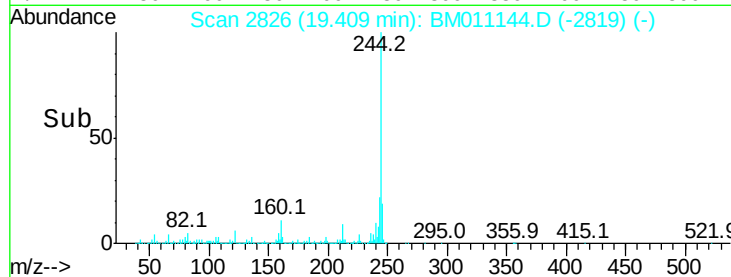
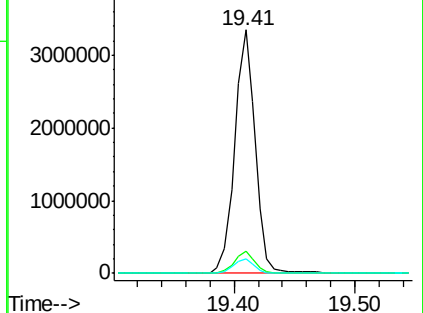
122 6.2 6.2 9.4#



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: BM011144.D

Acq: 05 Aug 2017 16:18

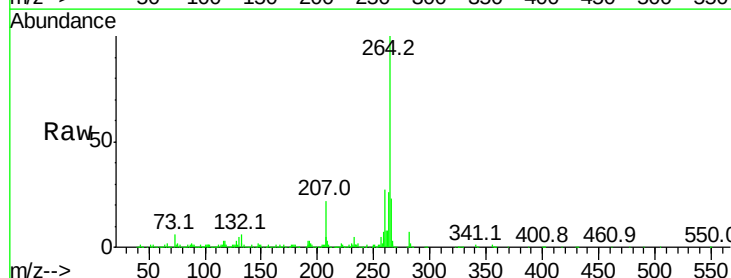
Tgt Ion:264 Resp: 1009624

Ion Ratio Lower Upper

264 100

260 26.7 18.6 27.8

265 23.1 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

