

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082217\
 Data File : BM011343.D
 Acq On : 23 Aug 2017 00:50
 Operator : SJ/JU
 Sample : I4915-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11991-GRAVEL-COMP

Quant Time: Aug 23 02:37:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

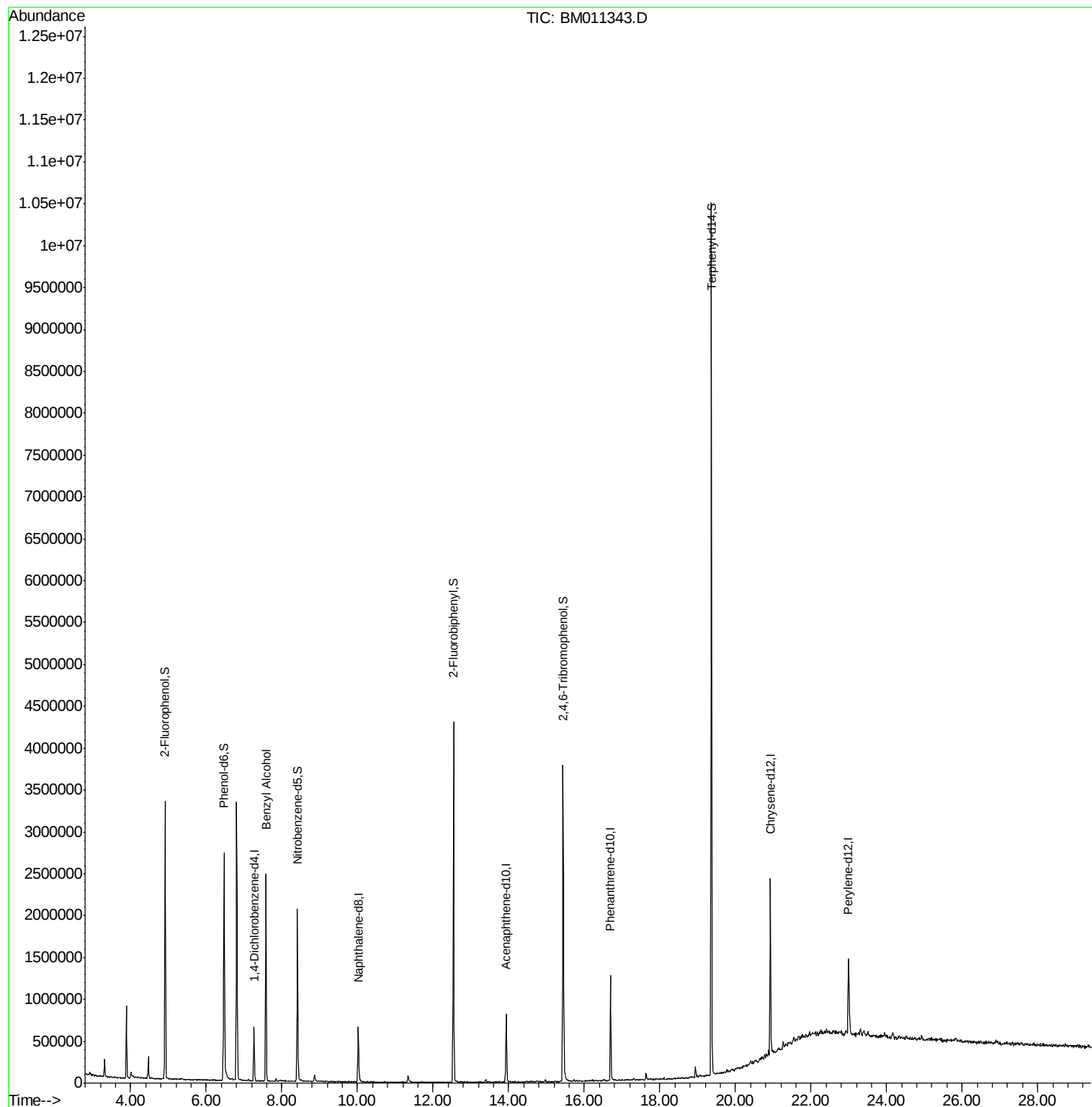
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	102647	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	366825	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	216449	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	651319	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	974673	20.00	ng	-0.02
86) Perylene-d12	22.99	264	482340	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	791722	130.38	ng	-0.02
7) Phenol-d6	6.47	99	923518	107.04	ng	-0.02
23) Nitrobenzene-d5	8.41	82	1178574	120.59	ng	-0.03
41) 2,4,6-Tribromophenol	15.44	330	497468	143.39	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1754909	101.68	ng	-0.02
78) Terphenyl-d14	19.37	244	3676745	74.72	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.57	79	27647	3.34	ng	Qvalue # 36

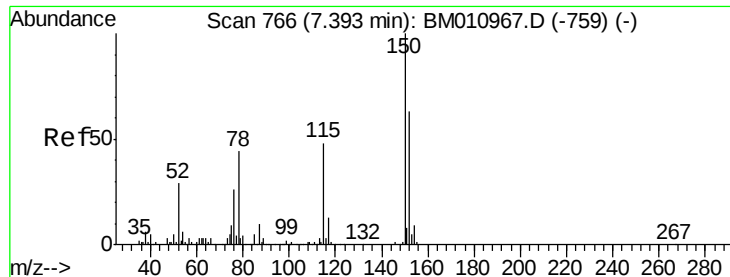
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.26 min Scan# 761

Delta R.T. -0.02 min

Lab File: BM011343.D

Acq: 23 Aug 2017 00:50

Instrument :

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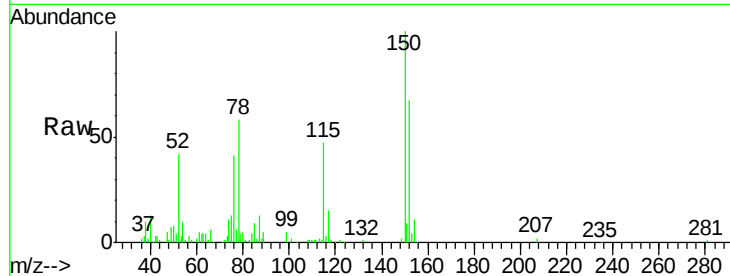
Tot Ion:152 Resp: 102647

Ion Ratio Lower Upper

152 100

150 148.2 119.5 179.3

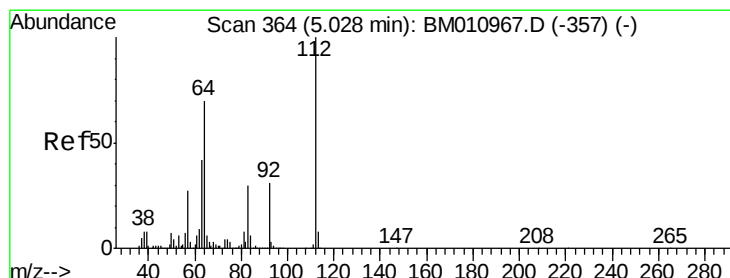
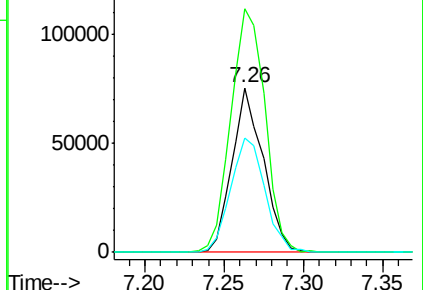
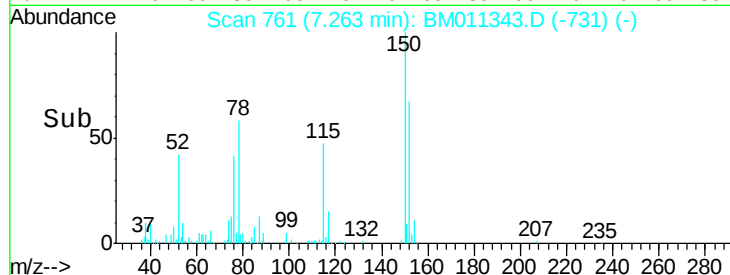
115 69.4 43.0 64.4#



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: 130.38 ng

RT: 4.91 min Scan# 361

Delta R.T. -0.02 min

Lab File: BM011343.D

Acq: 23 Aug 2017 00:50

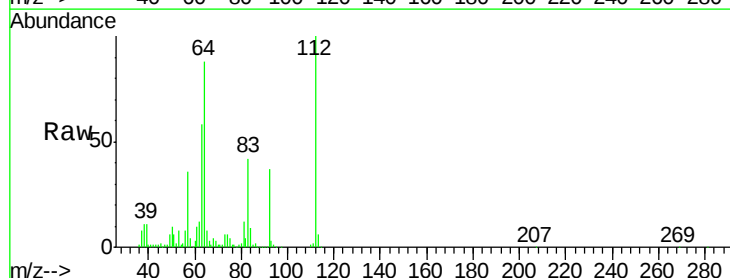
Tgt Ion:112 Resp: 791722

Ion Ratio Lower Upper

112 100

64 87.7 38.6 57.8#

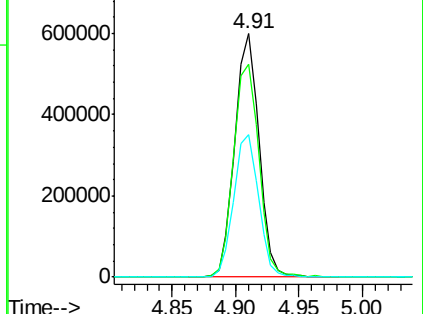
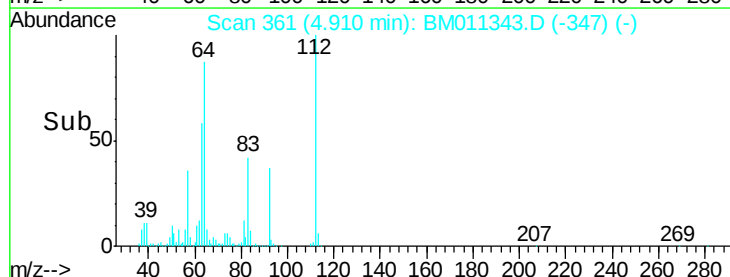
63 58.3 19.3 28.9#

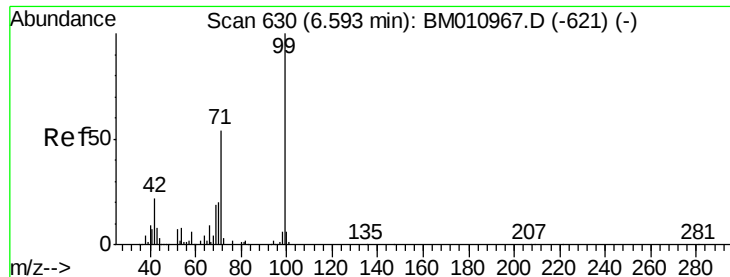


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 107.04 ng

RT: 6.47 min Scan# 626

Delta R.T. -0.02 min

Lab File: BM011343.D

Acq: 23 Aug 2017 00:50

Instrument :

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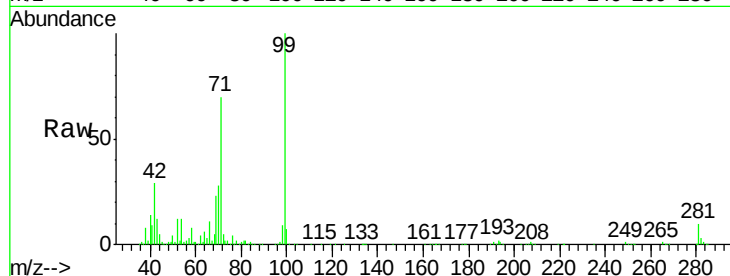
Tot Ion: 99 Resp: 923518

Ion Ratio Lower Upper

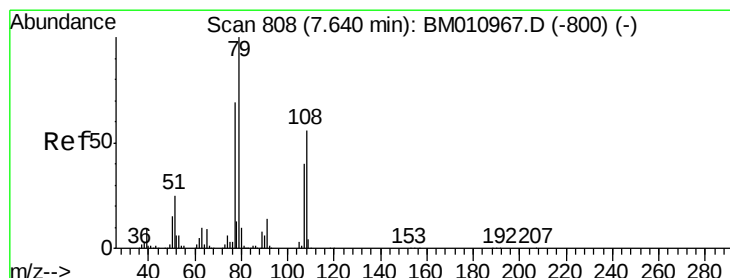
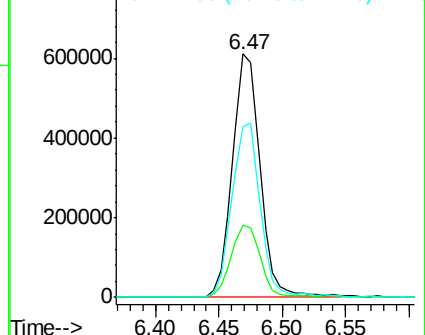
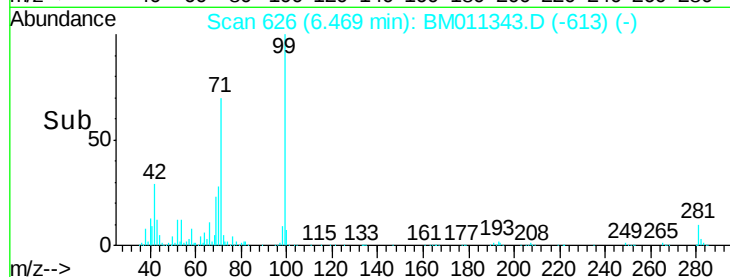
99 100

42 29.5 11.0 16.4#

71 70.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011343.D (-613) (-)



#15

Benzyl Alcohol

Concen: 3.34 ng

RT: 7.57 min Scan# 814

Delta R.T. 0.04 min

Lab File: BM011343.D

Acq: 23 Aug 2017 00:50

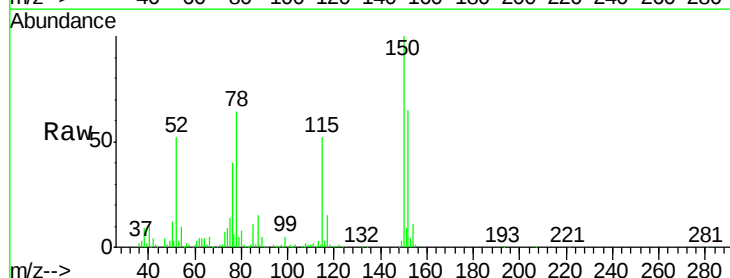
Tgt Ion: 79 Resp: 27647

Ion Ratio Lower Upper

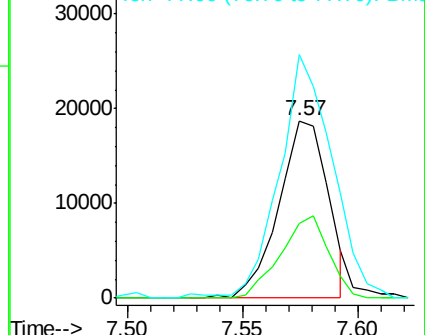
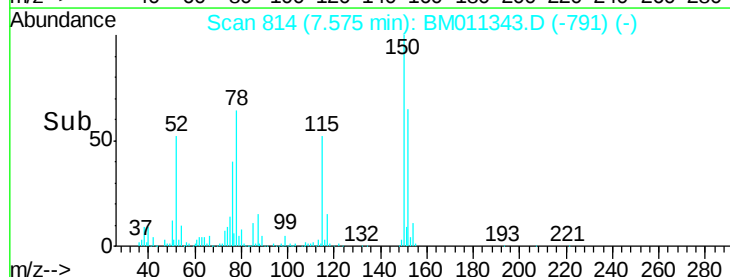
79 100

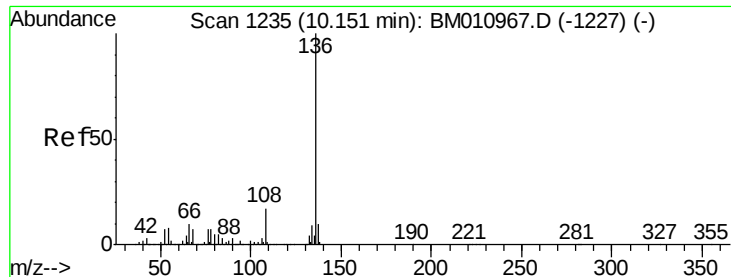
108 42.2 65.0 97.4#

77 137.5 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM011343.D (-791) (-)

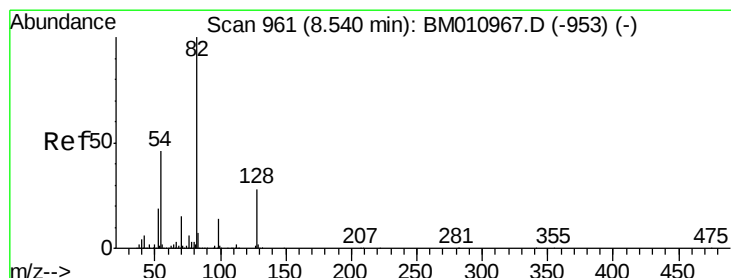
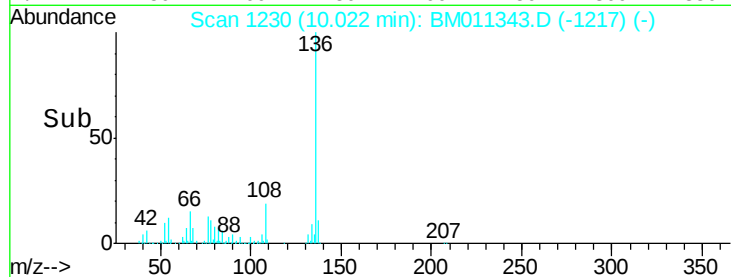
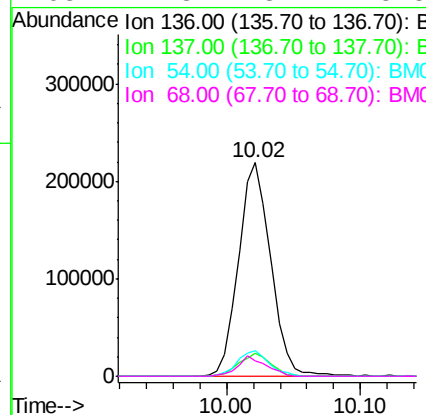
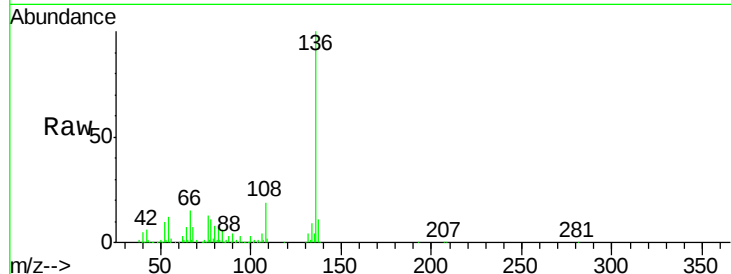




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.02 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BM011343.D
Acq: 23 Aug 2017 00:50

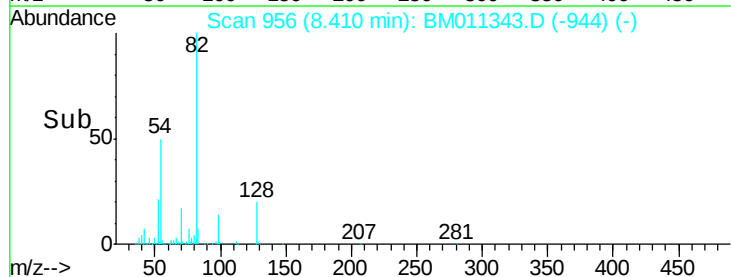
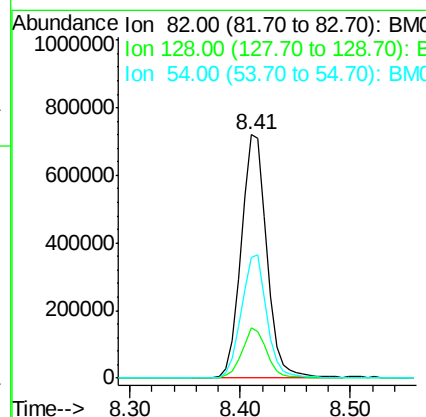
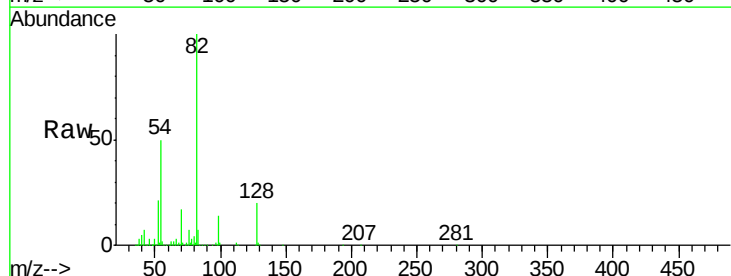
Instrument :
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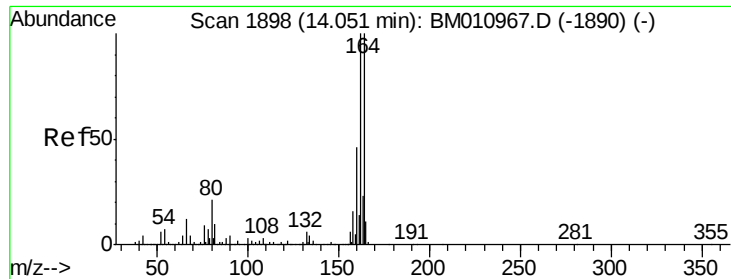
Tot Ion:136	Resp:	366825
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	12.1	4.6 6.8#
68	7.3	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 120.59 ng
RT: 8.41 min Scan# 956
Delta R.T. -0.03 min
Lab File: BM011343.D
Acq: 23 Aug 2017 00:50

Tgt Ion: 82	Resp:	1178574
Ion Ratio	Lower	Upper
82	100	
128	20.4	32.8 49.2#
54	49.6	40.6 60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 13.93 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BM011343.D

Acq: 23 Aug 2017 00:50

Instrument :

BNA_M

ClientSampleId :

72-11991-GRAVEL-COMP

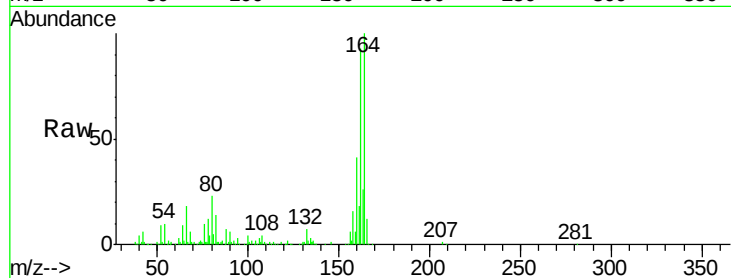
Tot Ion:164 Resp: 216449

Ion Ratio Lower Upper

164 100

162 93.5 82.4 123.6

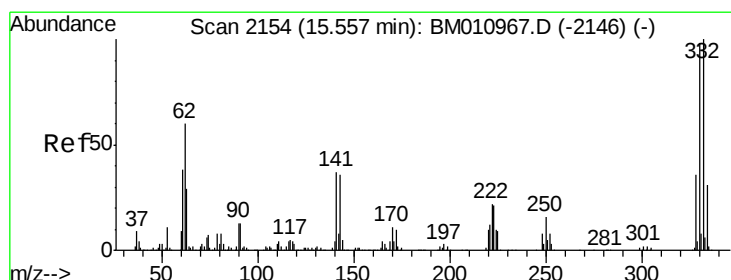
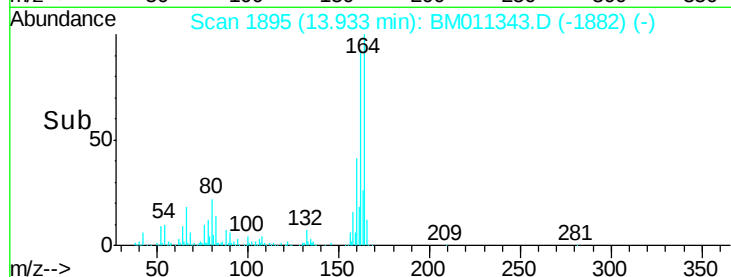
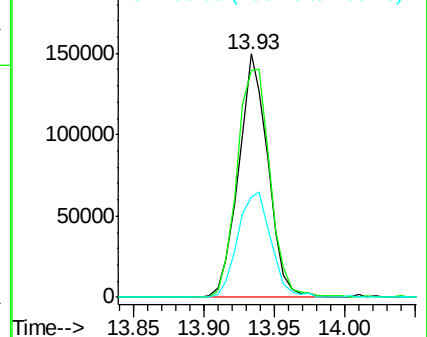
160 41.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 143.39 ng

RT: 15.44 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BM011343.D

Acq: 23 Aug 2017 00:50

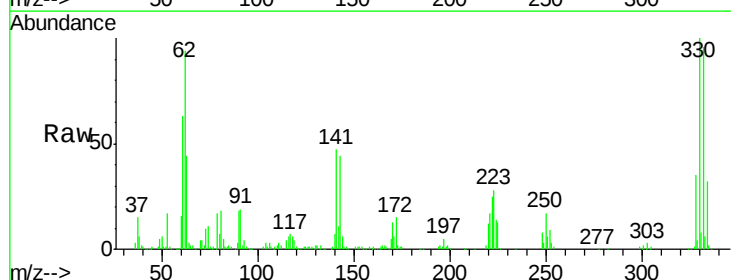
Tgt Ion:330 Resp: 497468

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

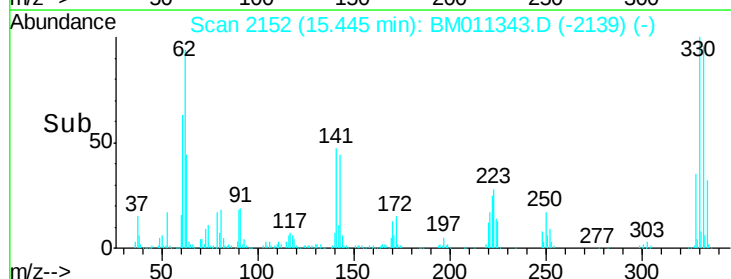
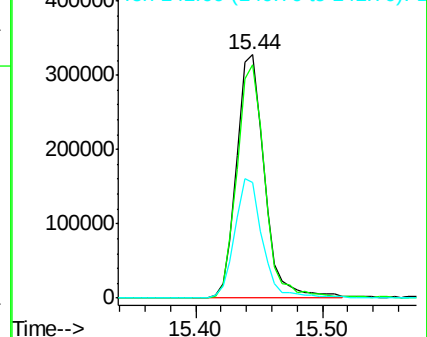
141 48.9 0.0 0.0#

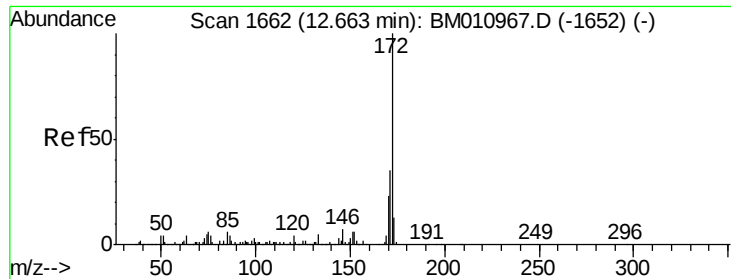


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

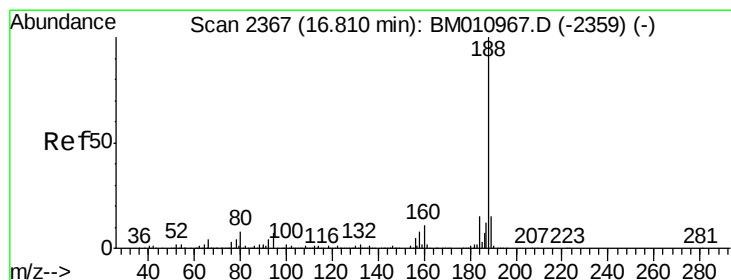
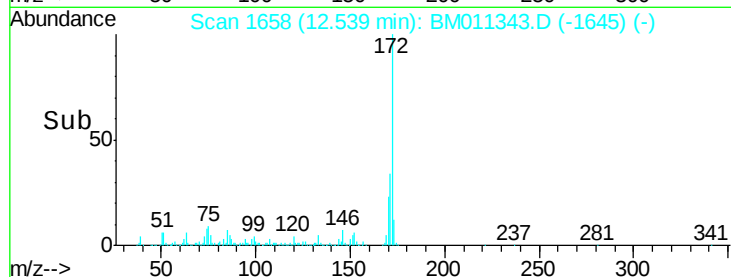
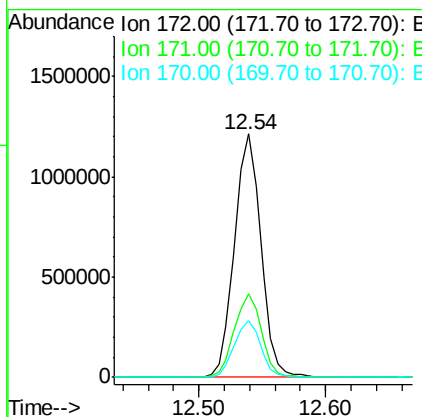
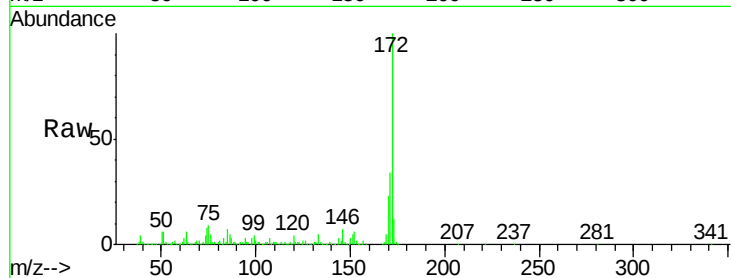




#44
2-Fluorobiphenyl
Concen: 101.68 ng
RT: 12.54 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BM011343.D
Acq: 23 Aug 2017 00:50

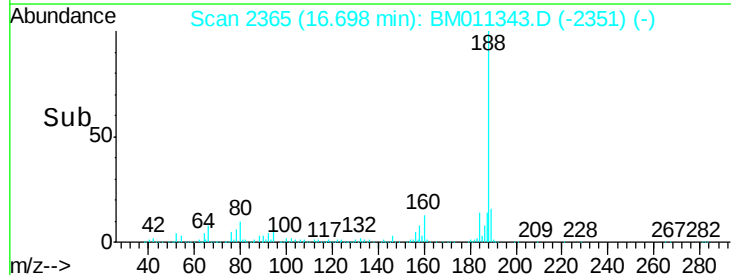
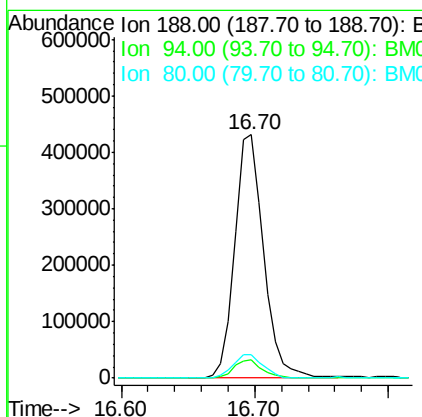
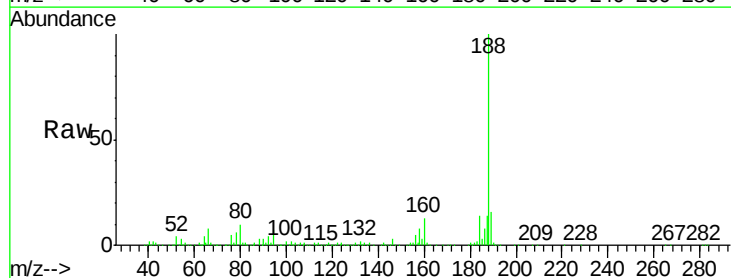
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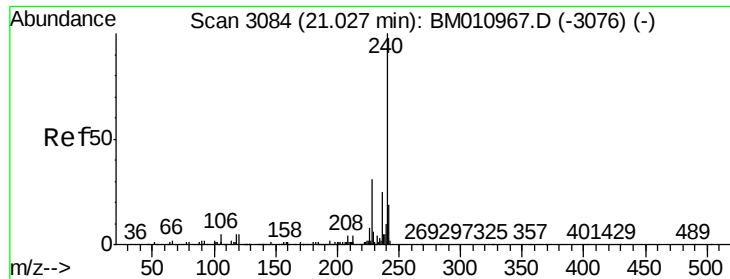
Tot Ion:172 Resp: 1754909
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 23.1 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011343.D
Acq: 23 Aug 2017 00:50

Tgt Ion:188 Resp: 651319
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 9.9 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.92 min Scan# 3083

Delta R.T. -0.02 min

Lab File: BM011343.D

Acq: 23 Aug 2017 00:50

Instrument :

BNA_M

ClientSampleId :

72-11991-GRAVEL-COMP

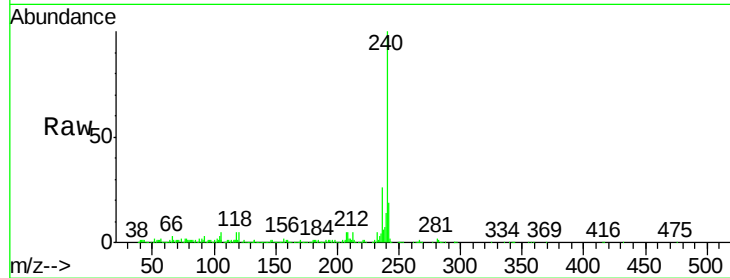
Tot Ion:240 Resp: 974673

Ion Ratio Lower Upper

240 100

120 4.6 8.2 12.2#

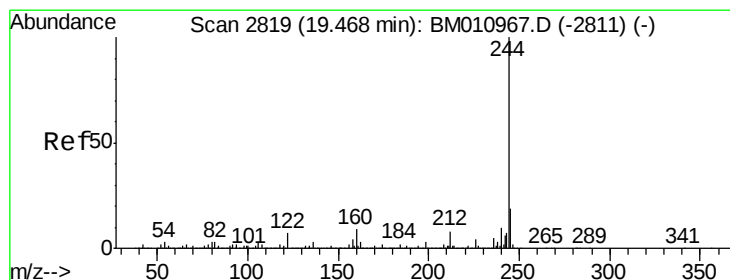
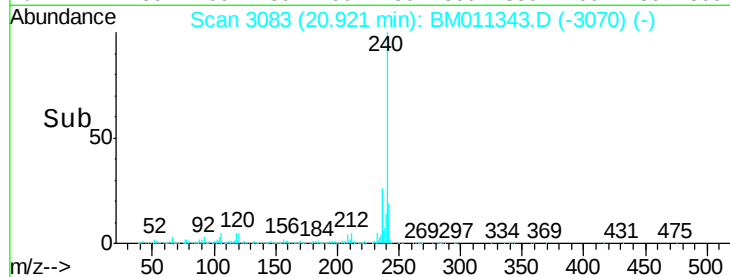
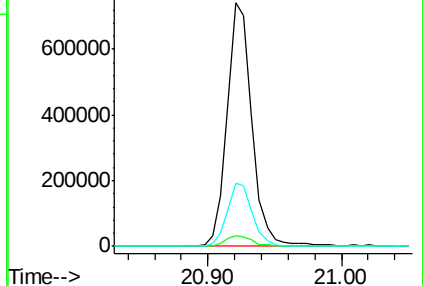
236 25.8 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 74.72 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011343.D

Acq: 23 Aug 2017 00:50

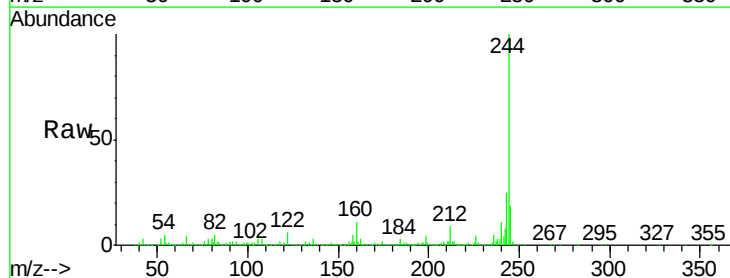
Tgt Ion:244 Resp: 3676745

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

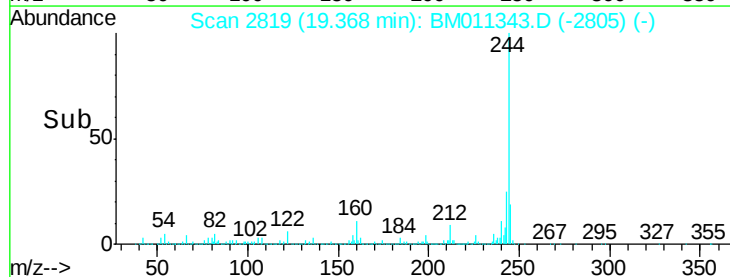
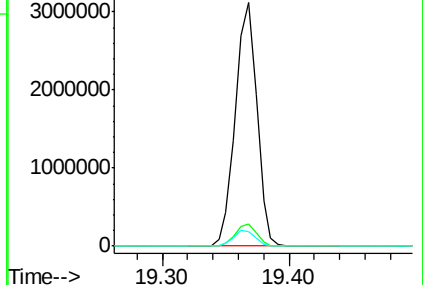
122 5.9 6.2 9.4#

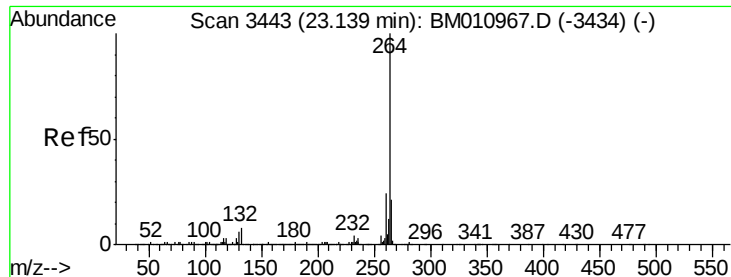


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 22.99 min Scan# 3435

Delta R.T. -0.03 min

Lab File: BM011343.D

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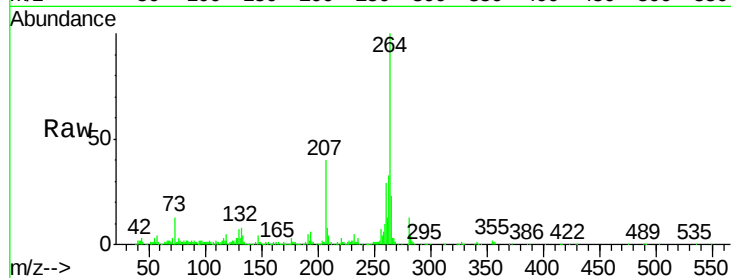
Tot Ion:264 Resp: 482340

Ion Ratio Lower Upper

264 100

260 28.9 18.6 27.8#

265 23.5 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

