

Data Path : U:\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 03:50:00 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

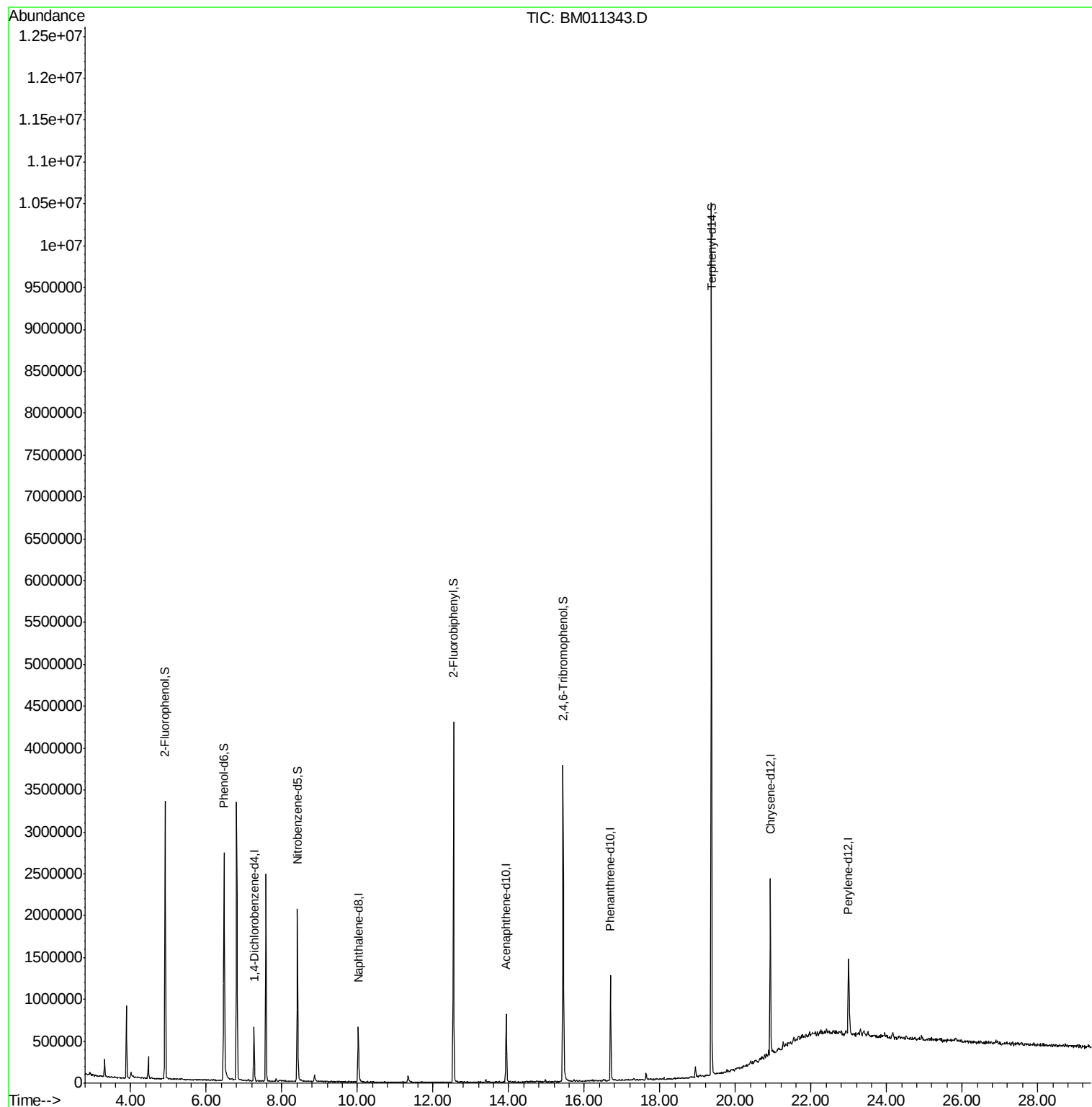
Target Compounds	Qvalue
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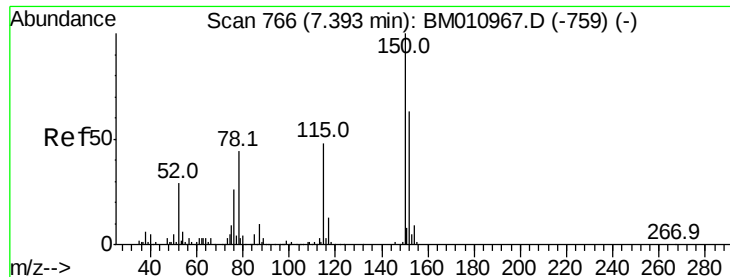
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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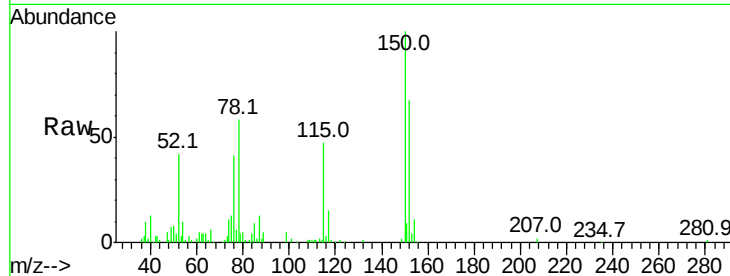


#1

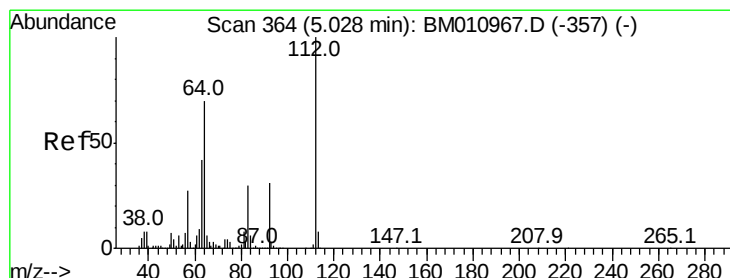
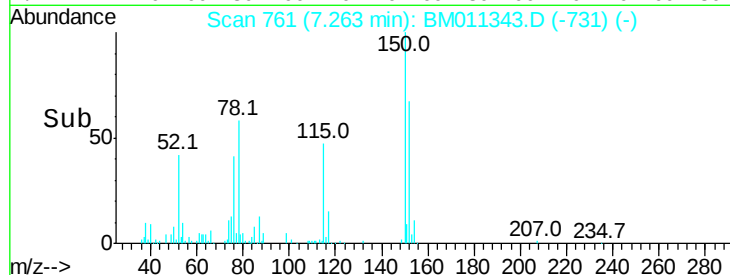
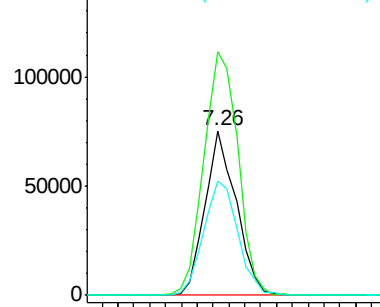
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.26 min Scan# 761
Delta R.T. -0.02 min
Lab File: BM011343.D
Acq: 23 Aug 2017 00:50

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	119.5	179.3
115	69.4	43.0	64.4#



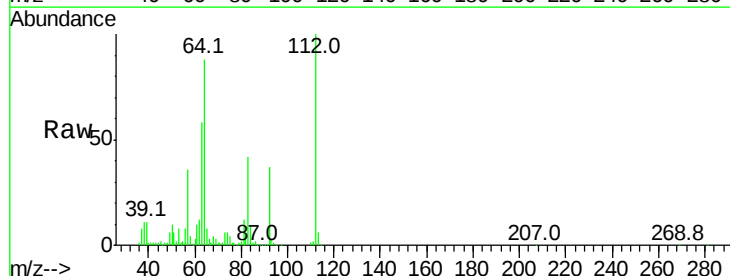
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



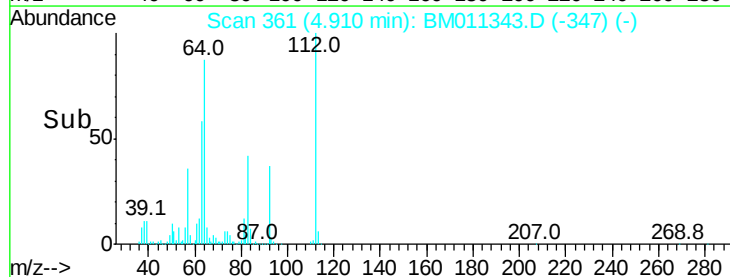
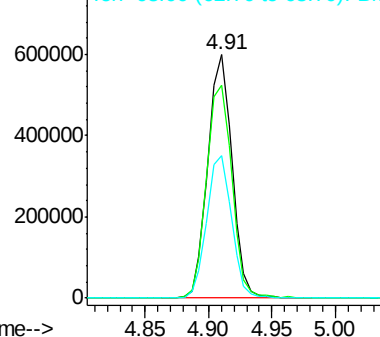
#5

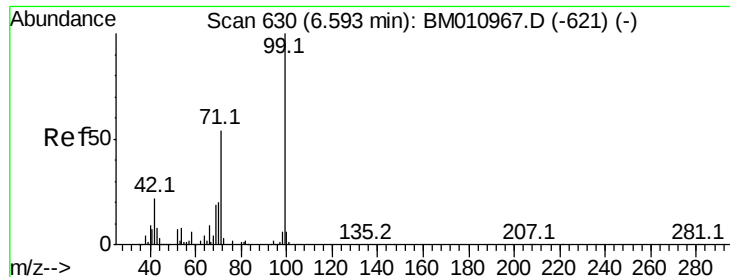
2-Fluorophenol
Concen: 130.384 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011343.D
Acq: 23 Aug 2017 00:50

Tgt Ion	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: 107.044 ng

RT: 6.47 min Scan# 626

Delta R.T. -0.02 min

Lab File: BM011343.D

Acq: 23 Aug 2017 00:50

Instrument :

BNA_M

ClientSampleId :

72-11991-GRAVEL-COMP

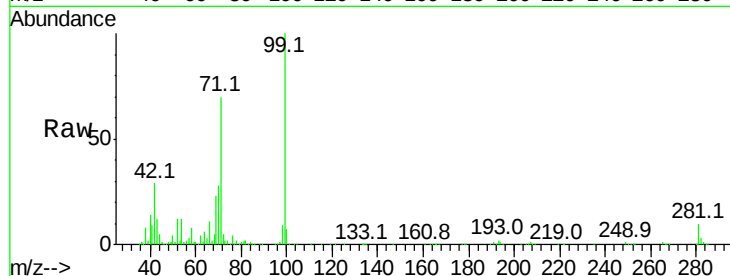
Tot Ion: 99 Resp: 923518

Ion Ratio Lower Upper

99 100

42 29.5 11.0 16.4#

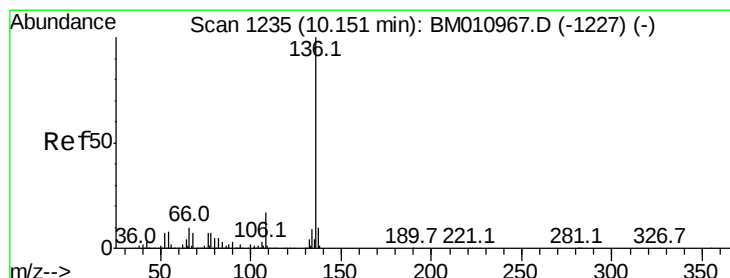
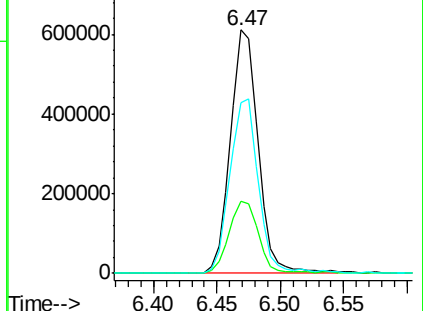
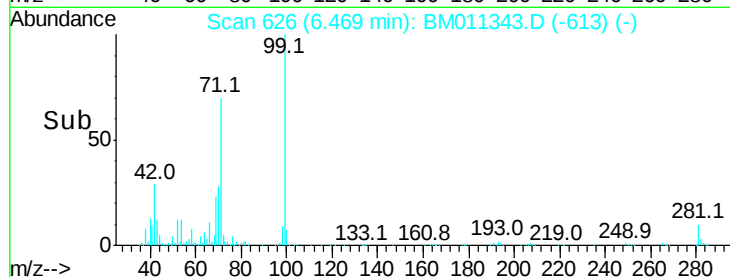
71 70.4 23.4 35.2#



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

Ion 42.00 (41.70 to 42.70): BM011343.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011343.D (-613) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.02 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BM011343.D

Acq: 23 Aug 2017 00:50

Tgt Ion: 136 Resp: 366825

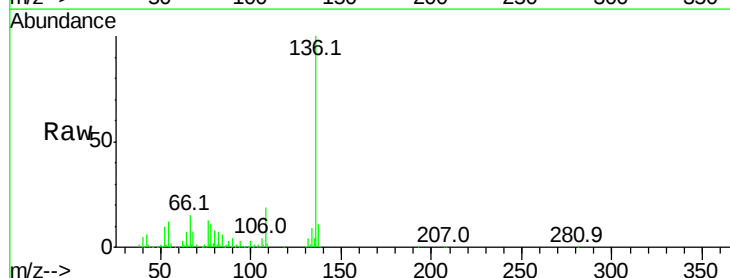
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 12.1 4.6 6.8#

68 7.3 3.7 5.5#

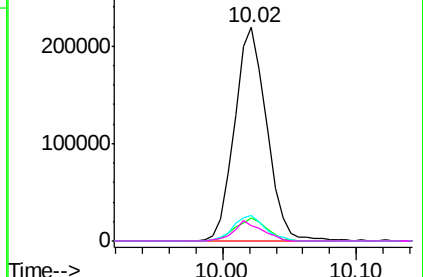
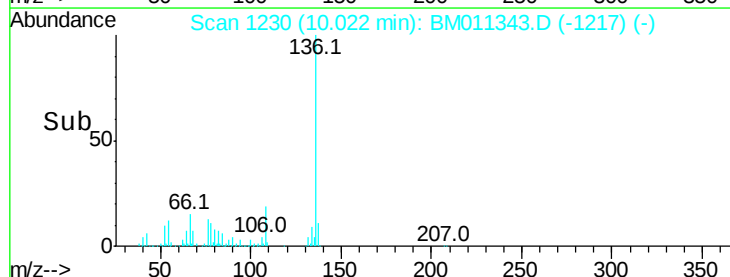


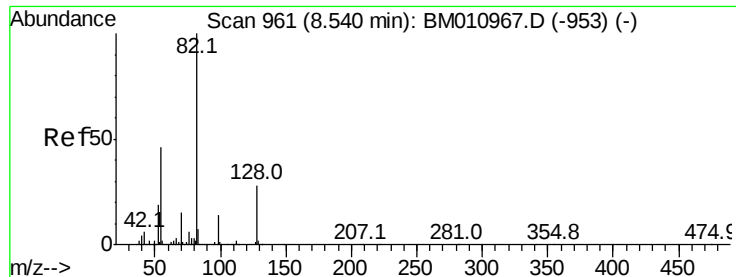
Abundance Ion 136.00 (135.70 to 136.70): BM011343.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011343.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011343.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011343.D (-1217) (-)

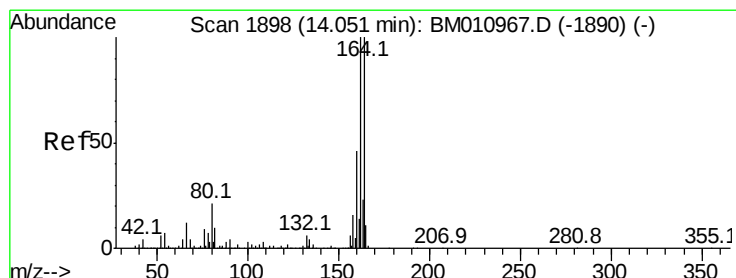
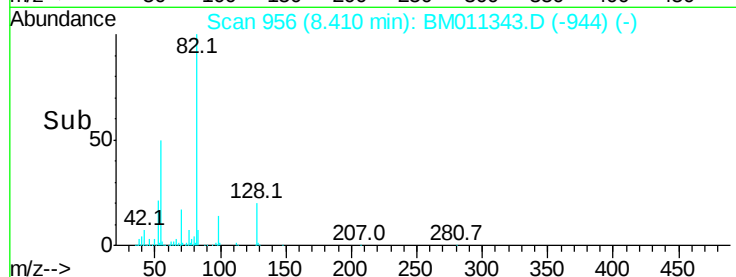
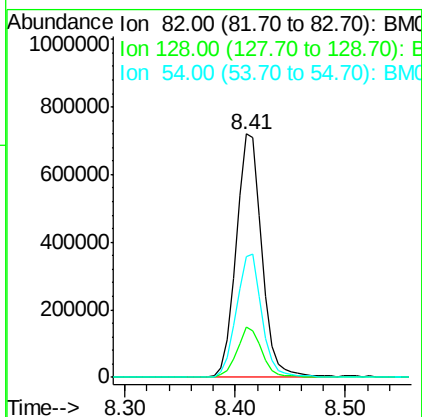
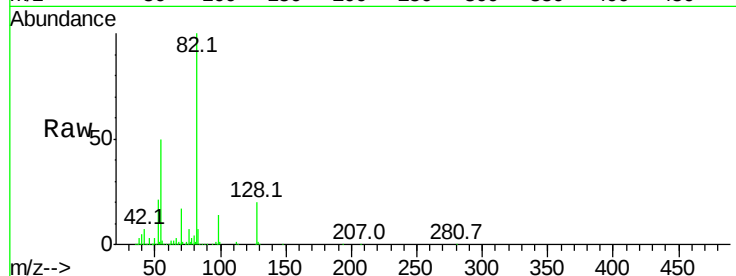




#23
 Nitrobenzene-d5
 Concen: 120.586 ng
 RT: 8.41 min Scan# 956
 Delta R.T. -0.03 min
 Lab File: BM011343.D
 Acq: 23 Aug 2017 00:50

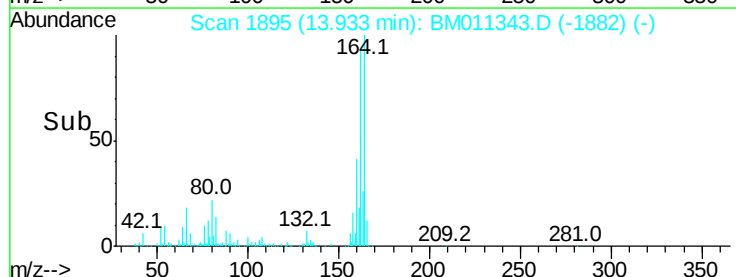
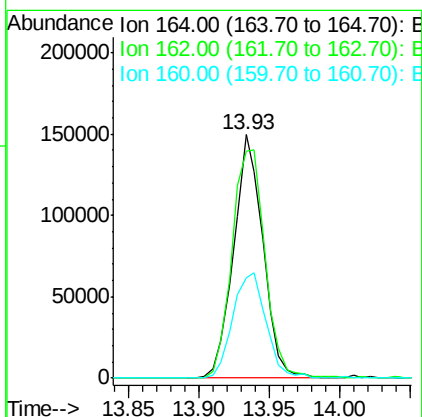
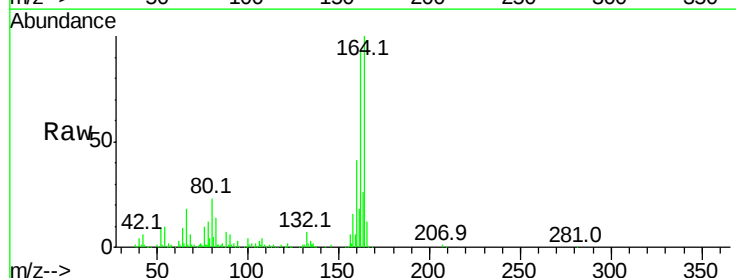
Instrument :
 BNA_M
 ClientSampleId :
 72-11991-GRAVEL-COMP

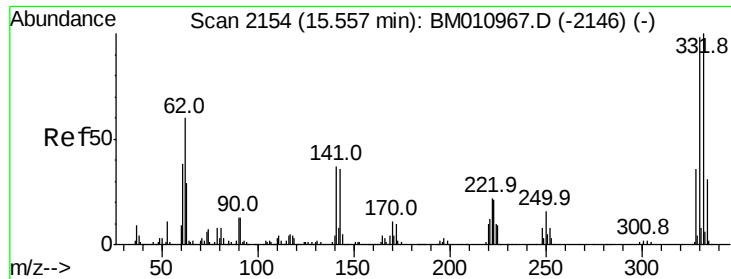
Tot Ion: 82 Resp: 1178574
 Ion Ratio Lower Upper
 82 100
 128 20.4 32.8 49.2#
 54 49.6 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.93 min Scan# 1895
 Delta R.T. -0.02 min
 Lab File: BM011343.D
 Acq: 23 Aug 2017 00:50

Tgt Ion:164 Resp: 216449
 Ion Ratio Lower Upper
 164 100
 162 93.5 82.4 123.6
 160 41.3 35.8 53.6

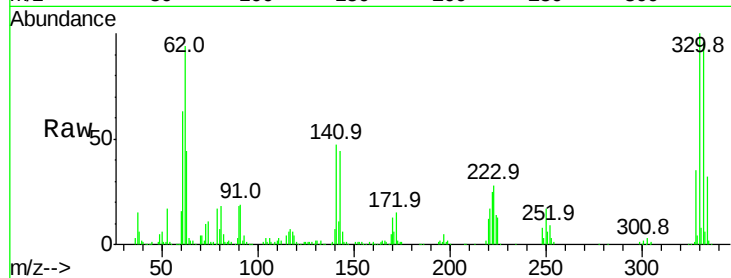




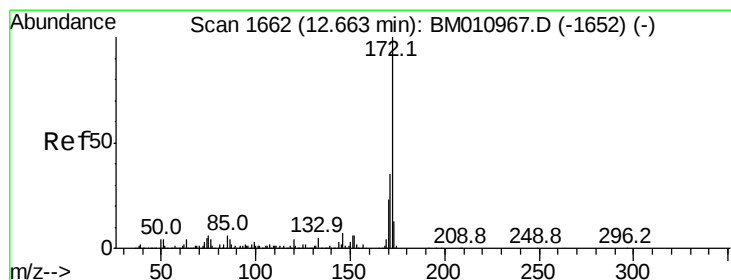
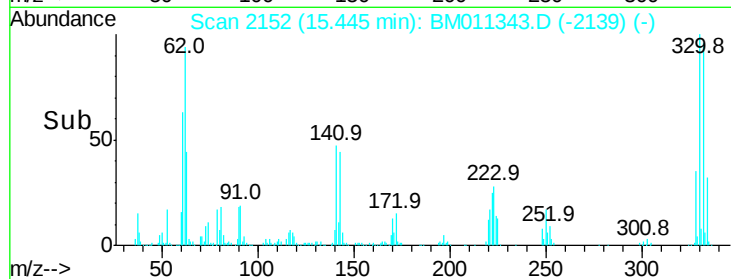
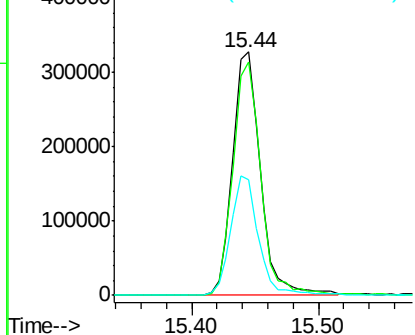
#41
 2,4,6-Tribromophenol
 Concen: 143.395 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011343.D
 Acq: 23 Aug 2017 00:50

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	48.9	0.0	0.0#

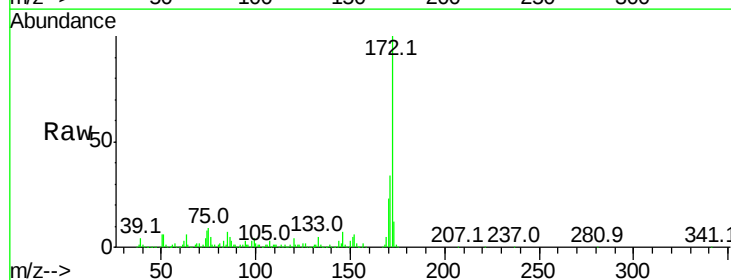


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

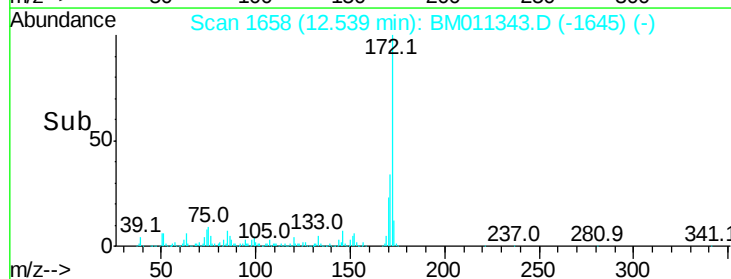
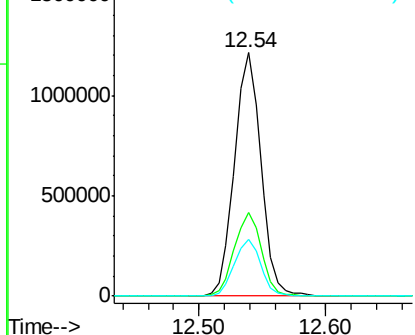


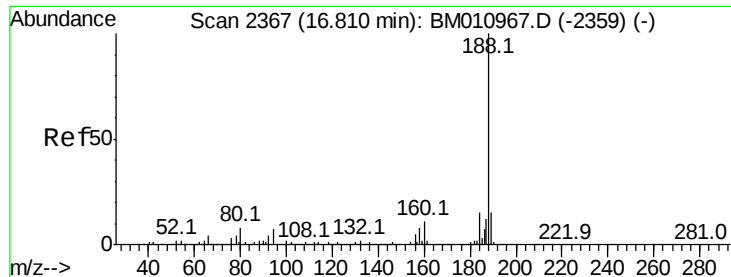
#44
 2-Fluorobiphenyl
 Concen: 101.682 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011343.D
 Acq: 23 Aug 2017 00:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	23.1	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

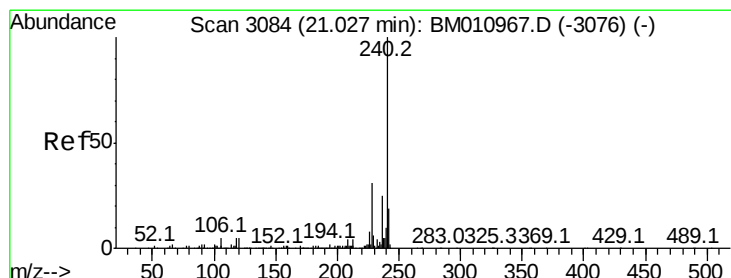
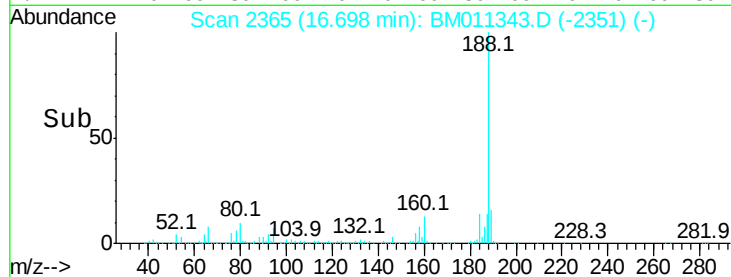
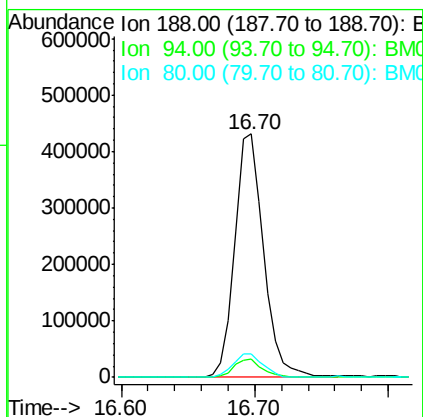
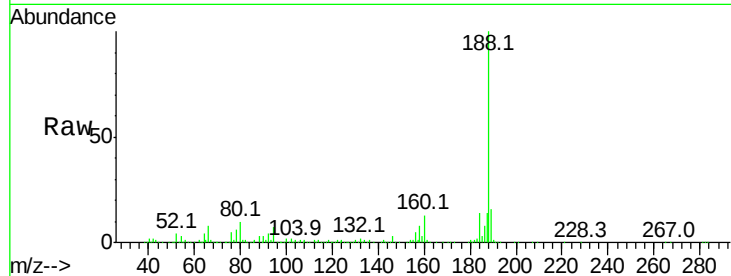




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011343.D
Acq: 23 Aug 2017 00:50

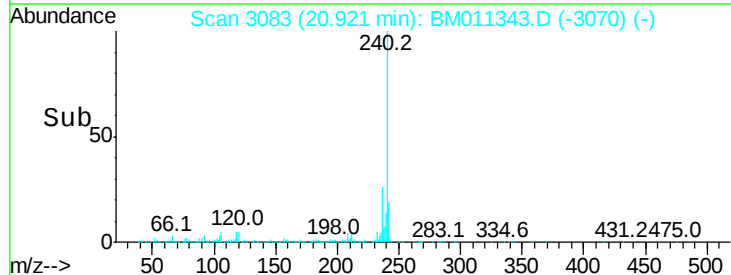
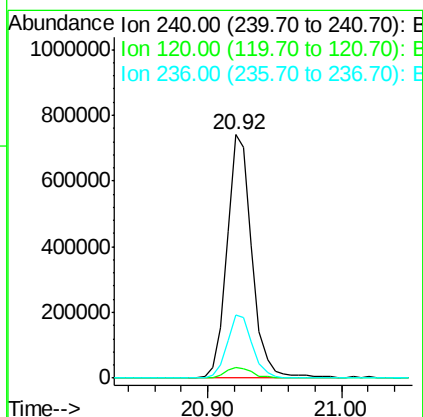
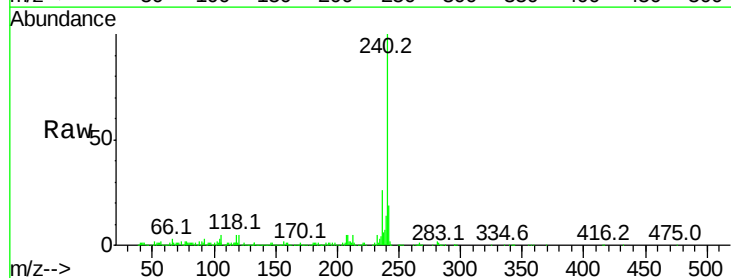
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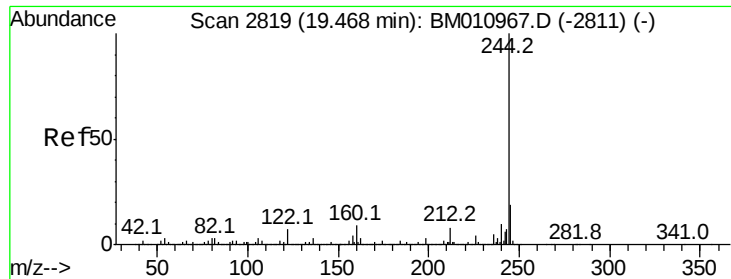
Tot Ion:188 Resp: 651319
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 9.9 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.92 min Scan# 3083
Delta R.T. -0.02 min
Lab File: BM011343.D
Acq: 23 Aug 2017 00:50

Tgt Ion:240 Resp: 974673
Ion Ratio Lower Upper
240 100
120 4.6 8.2 12.2#
236 25.8 20.0 30.0





#78

Terphenyl-d14

Concen: 74.724 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011343.D

Acq: 23 Aug 2017 00:50

Instrument :

BNA_M

ClientSampleId :

72-11991-GRAVEL-COMP

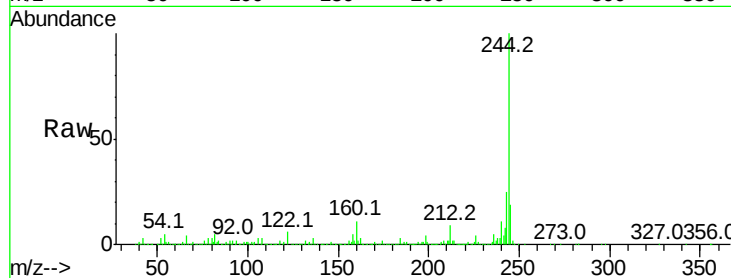
Tot Ion:244 Resp: 3676745

Ion Ratio Lower Upper

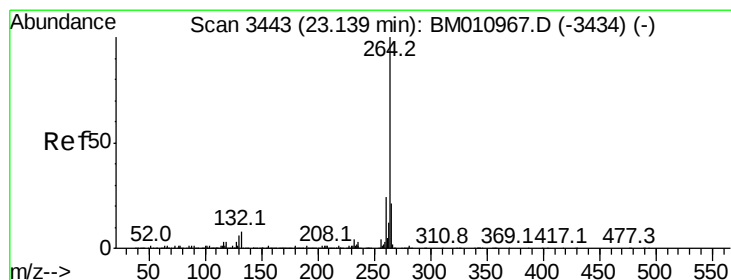
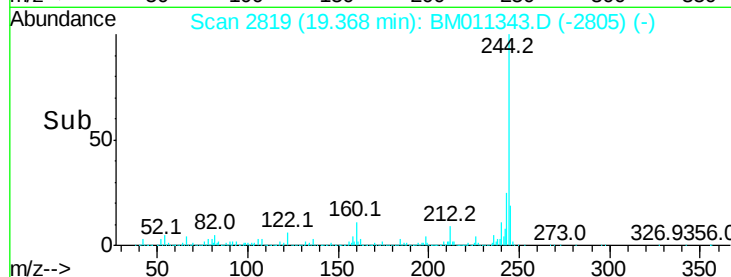
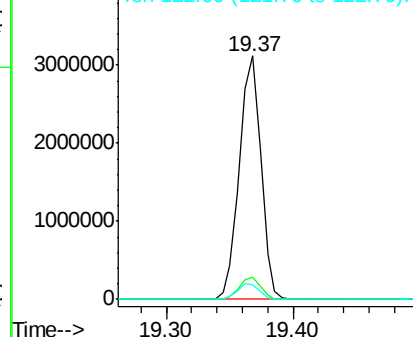
244 100

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

Perylene-d12

Concen: 20.000 ng

RT: 22.99 min Scan# 3435

Delta R.T. -0.03 min

Lab File: BM011343.D

Acq: 23 Aug 2017 00:50

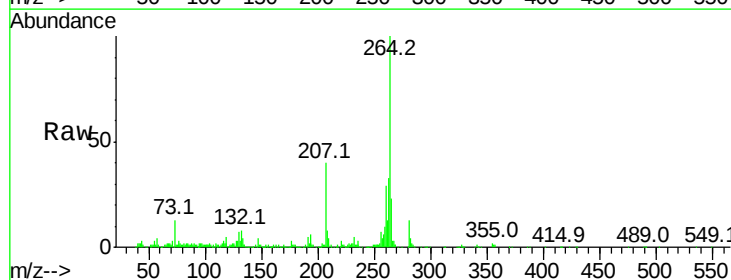
Tgt Ion:264 Resp: 482340

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

