

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
 Data File : BM011281.D
 Acq On : 17 Aug 2017 23:57
 Operator : SJ/JU
 Sample : I4845-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-03-81617

Quant Time: Aug 18 05:39:45 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	7.27	152	93732	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	298026	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	195459	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	537864	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	759144	20.00	ng	-0.02
86) Perylene-d12	23.00	264	722906	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	755401	136.24	ng	-0.01
7) Phenol-d6	6.48	99	960491	121.92	ng	-0.01
23) Nitrobenzene-d5	8.42	82	1010090	127.20	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	453143	144.64	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	1557176	99.91	ng	-0.02
78) Terphenyl-d14	19.37	244	3141636	81.98	ng	-0.01

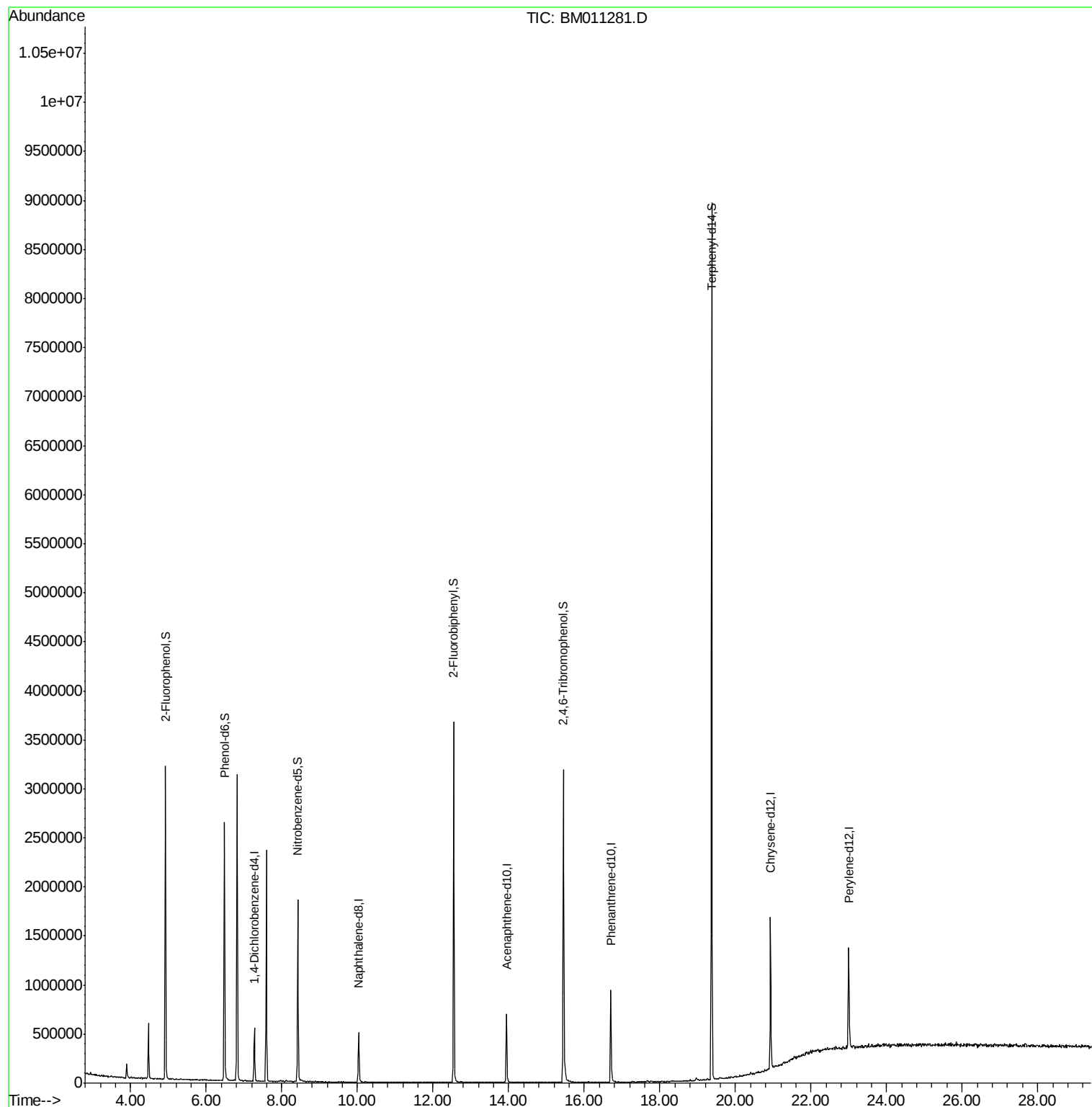
Target Compounds Qvalue

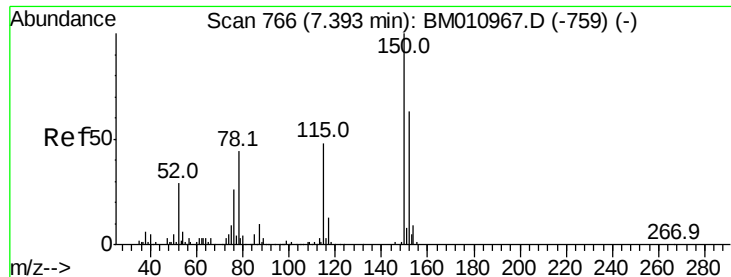
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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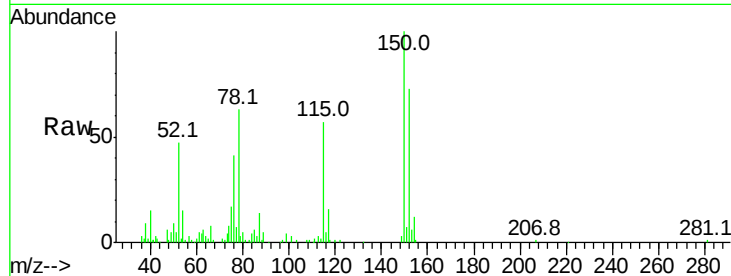


#1

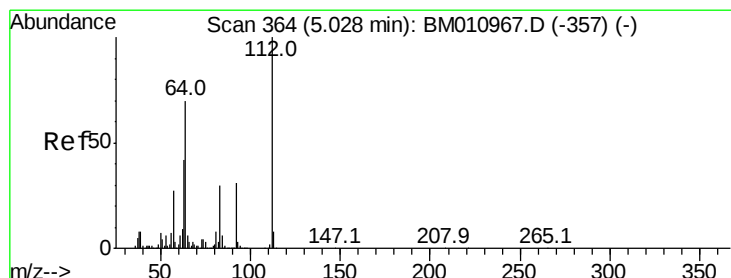
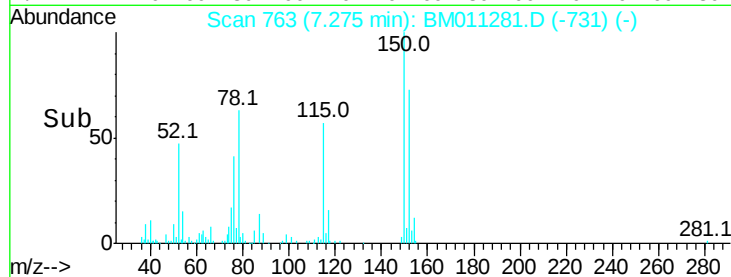
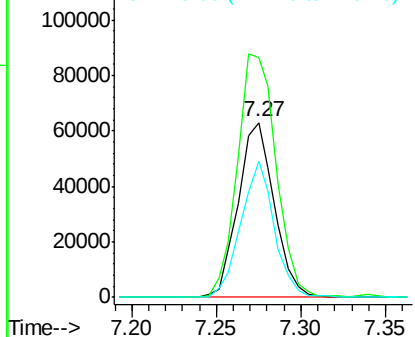
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM011281.D
Acq: 17 Aug 2017 23:57

Instrument :
BNA_M
ClientSampleId :
OK-03-81617

Tot Ion:152 Resp: 93732
Ion Ratio Lower Upper
152 100
150 136.7 119.5 179.3
115 77.9 43.0 64.4#



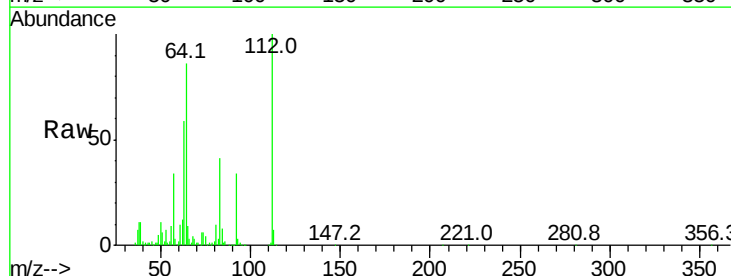
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



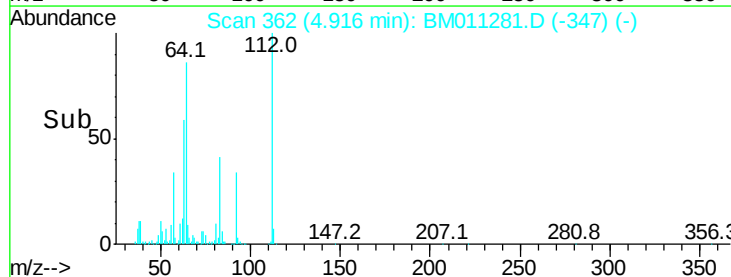
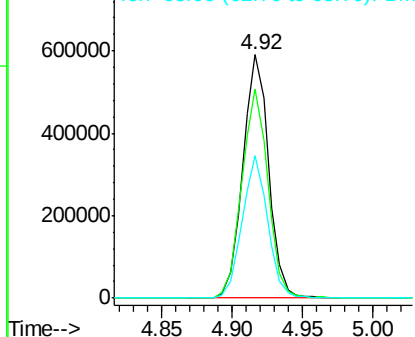
#5

2-Fluorophenol
Concen: 136.235 ng
RT: 4.92 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM011281.D
Acq: 17 Aug 2017 23:57

Tgt Ion:112 Resp: 755401
Ion Ratio Lower Upper
112 100
64 86.0 38.6 57.8#
63 58.5 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: 121.918 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM011281.D

Acq: 17 Aug 2017 23:57

Instrument :

BNA_M

ClientSampleId :

OK-03-81617

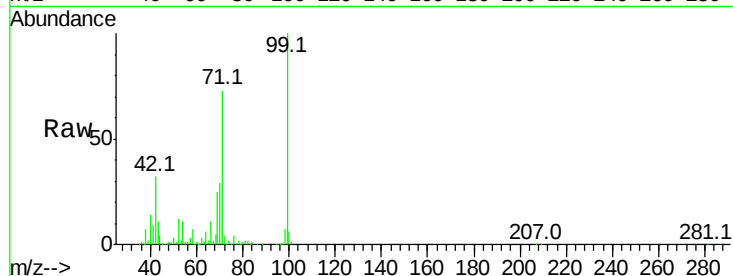
Tot Ion: 99 Resp: 960491

Ion Ratio Lower Upper

99 100

42 31.5 11.0 16.4#

71 72.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)

6.48

800000

600000

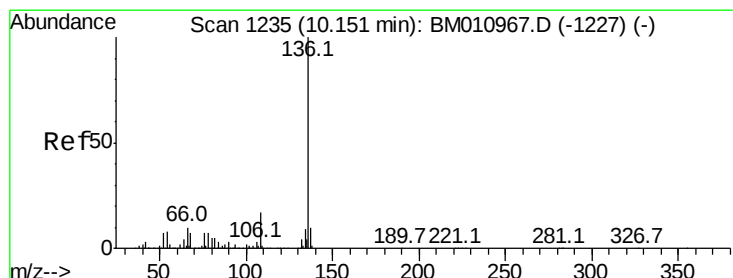
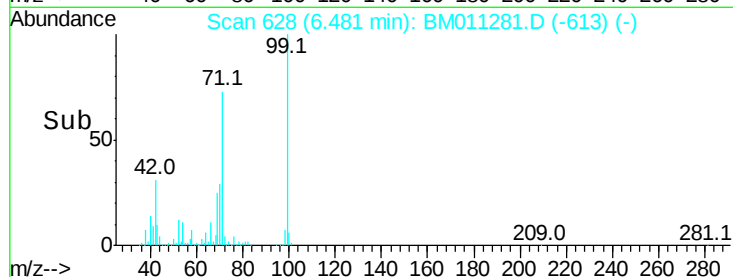
400000

200000

0

6.40 6.45 6.50 6.55 6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM011281.D

Acq: 17 Aug 2017 23:57

Tgt Ion: 136 Resp: 298026

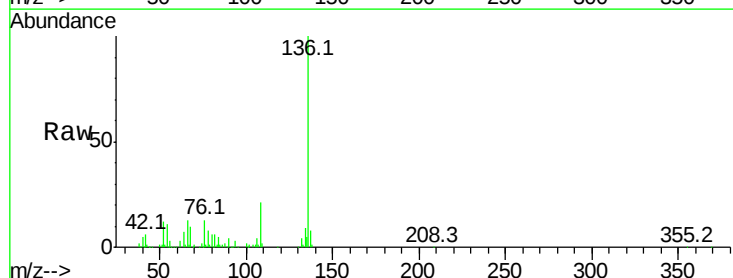
Ion Ratio Lower Upper

136 100

137 8.4 8.7 13.1#

54 11.4 4.6 6.8#

68 9.5 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM010967.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM010967.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM010967.D (-1227) (-)

10.03

250000

200000

150000

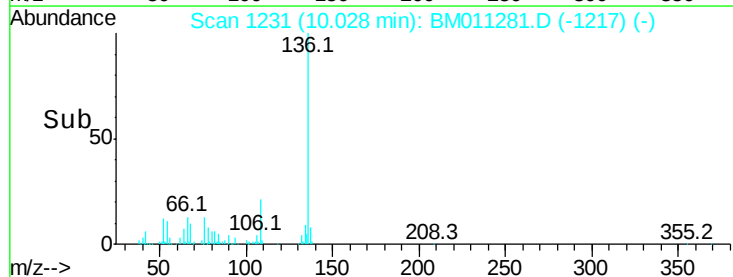
100000

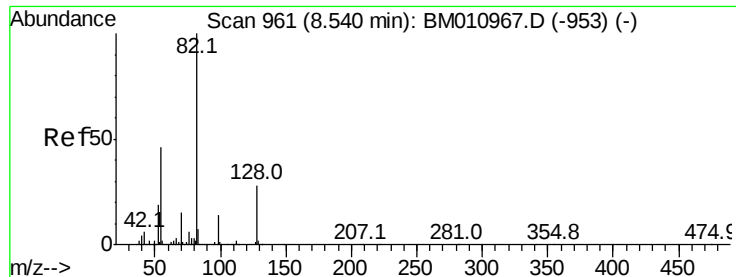
50000

0

10.00 10.10

Time-->





#23

Nitrobenzene-d5

Concen: 127.205 ng

RT: 8.42 min Scan# 958

Delta R.T. -0.02 min

Lab File: BM011281.D

Acq: 17 Aug 2017 23:57

Instrument :

BNA_M

ClientSampleId :

OK-03-81617

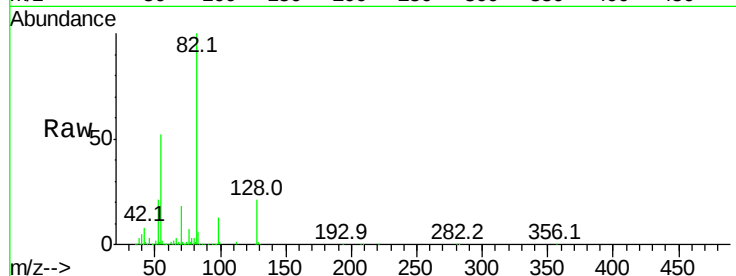
Tot Ion: 82 Resp: 1010090

Ion Ratio Lower Upper

82 100

128 20.5 32.8 49.2#

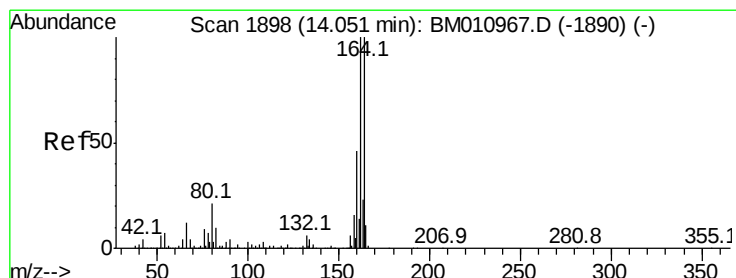
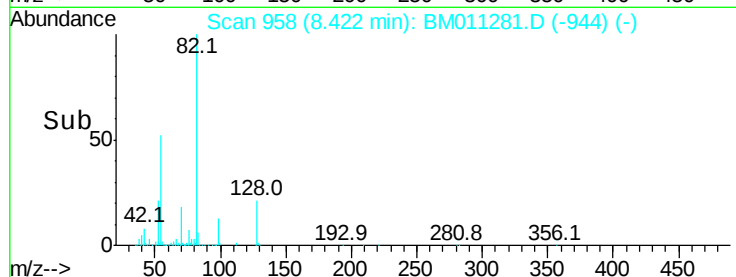
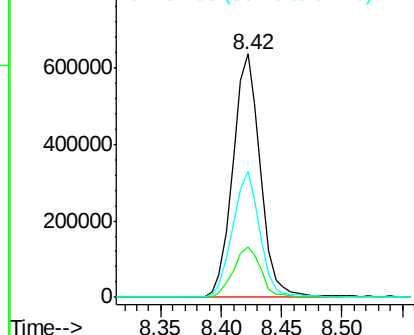
54 52.0 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011281.D (-944) (-)

Ion 128.00 (127.70 to 128.70): BM011281.D (-944) (-)

Ion 54.00 (53.70 to 54.70): BM011281.D (-944) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.94 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM011281.D

Acq: 17 Aug 2017 23:57

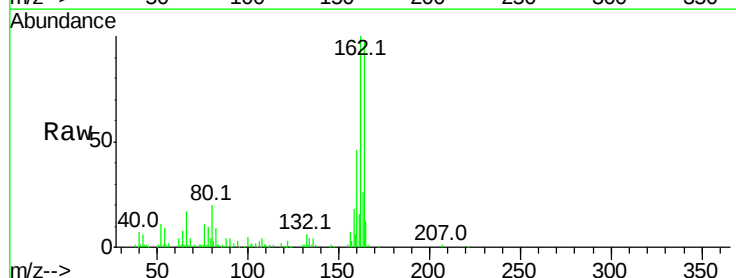
Tgt Ion: 164 Resp: 195459

Ion Ratio Lower Upper

164 100

162 103.4 82.4 123.6

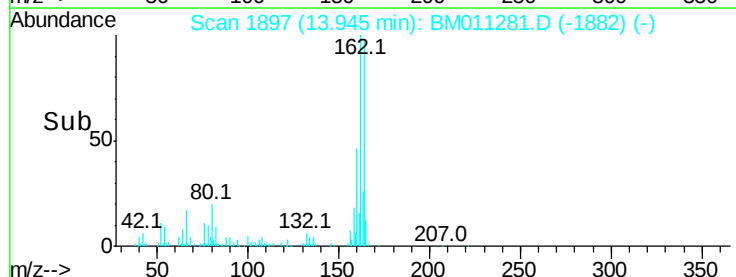
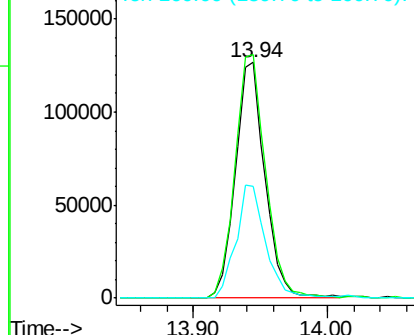
160 47.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM011281.D (-1882) (-)

Ion 162.00 (161.70 to 162.70): BM011281.D (-1882) (-)

Ion 160.00 (159.70 to 160.70): BM011281.D (-1882) (-)

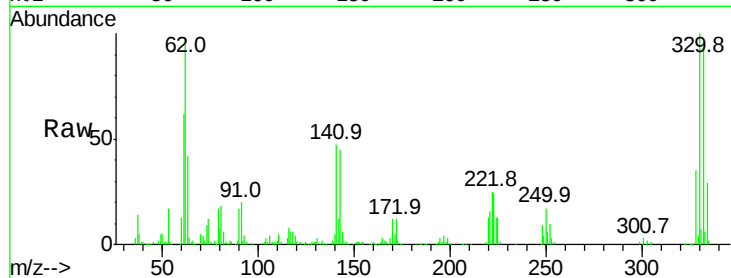




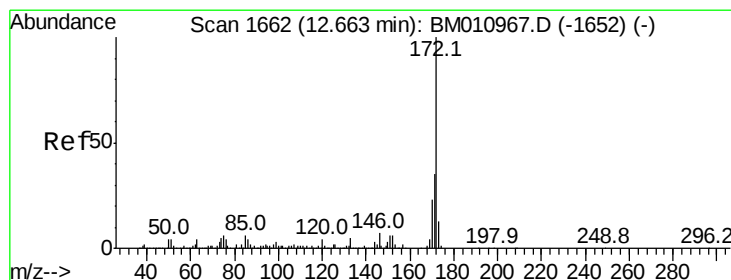
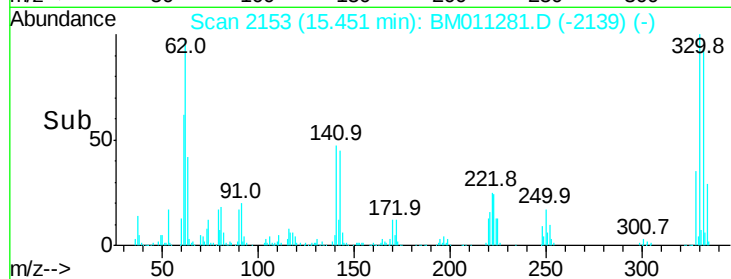
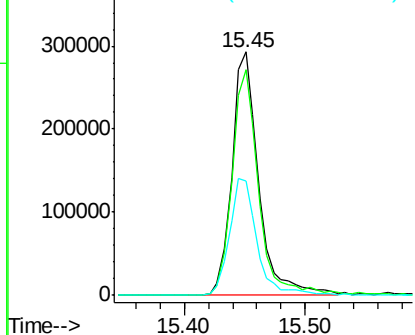
#41
 2,4,6-Tribromophenol
 Concen: 144.645 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011281.D
 Acq: 17 Aug 2017 23:57

Instrument :
 BNA_M
 ClientSampleId :
 OK-03-81617

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.8	0.0	0.0#
141	49.1	0.0	0.0#

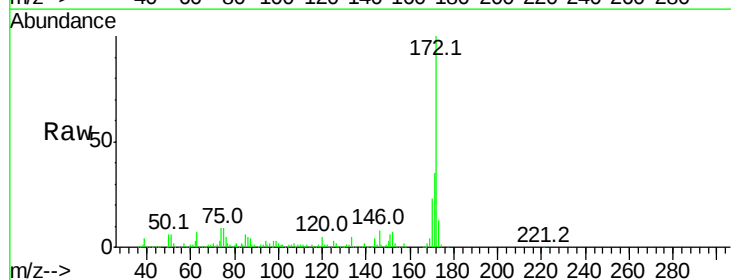


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

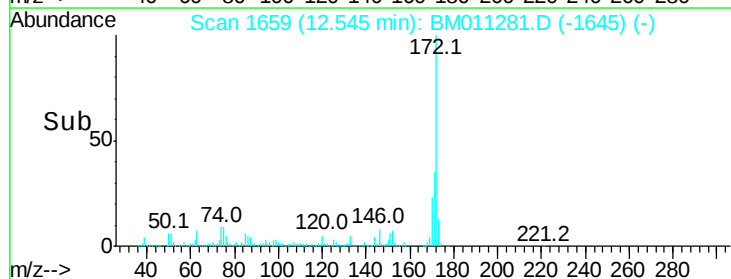
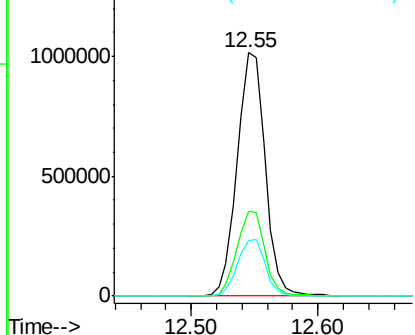


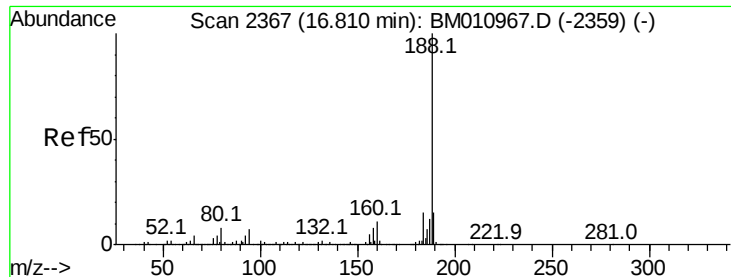
#44
 2-Fluorobiphenyl
 Concen: 99.914 ng
 RT: 12.55 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011281.D
 Acq: 17 Aug 2017 23:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.0	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

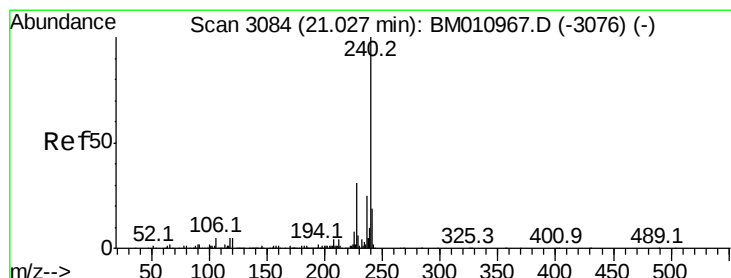
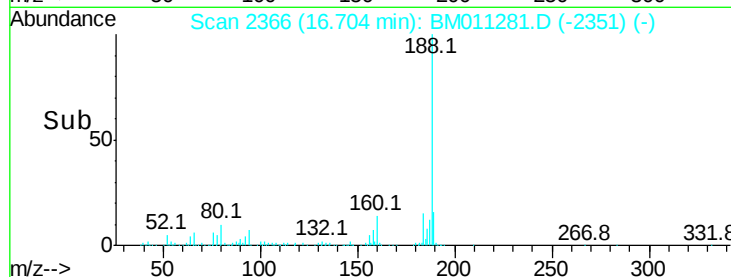
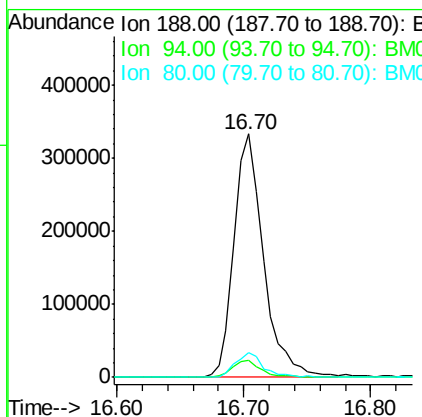
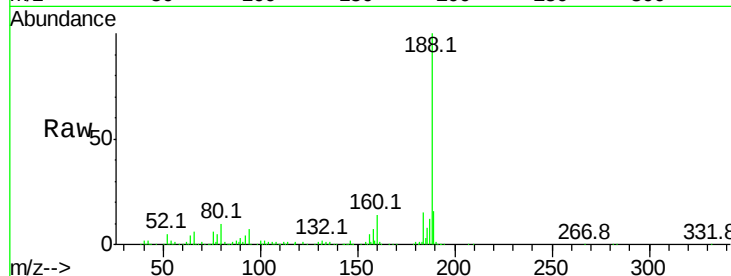




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM011281.D
Acq: 17 Aug 2017 23:57

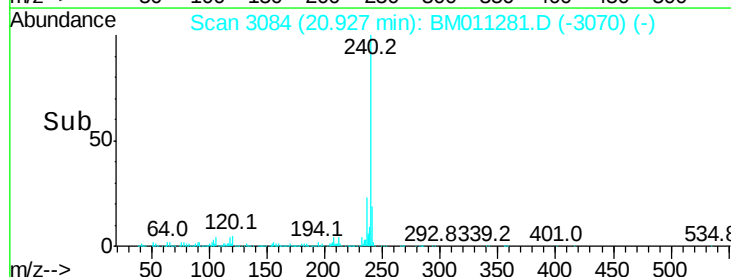
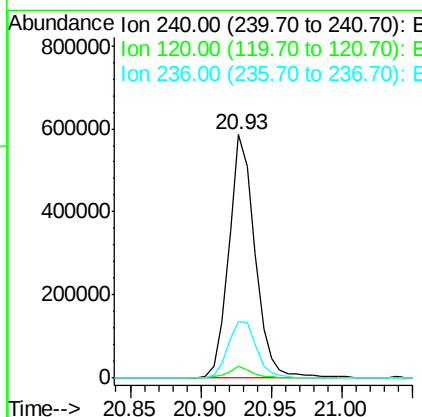
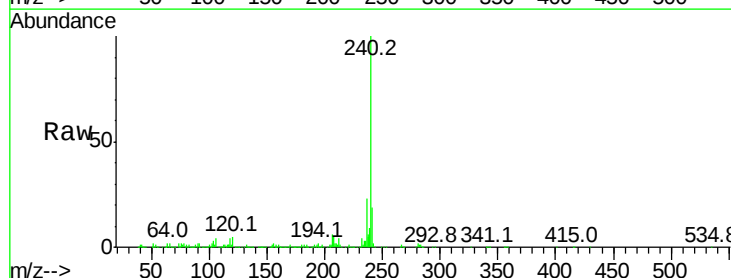
Instrument :
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OK-03-81617

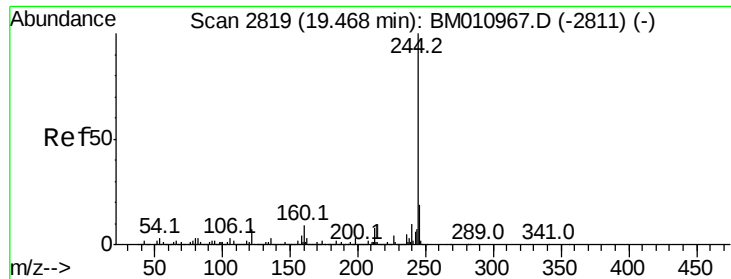
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.7	13.1#
80	9.9	9.3	13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011281.D
Acq: 17 Aug 2017 23:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.8	8.2	12.2#
236	23.3	20.0	30.0





#78

Terphenyl-d14

Concen: 81.976 ng

RT: 19.37 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM011281.D

Acq: 17 Aug 2017 23:57

Instrument :

BNA_M

ClientSampleId :

OK-03-81617

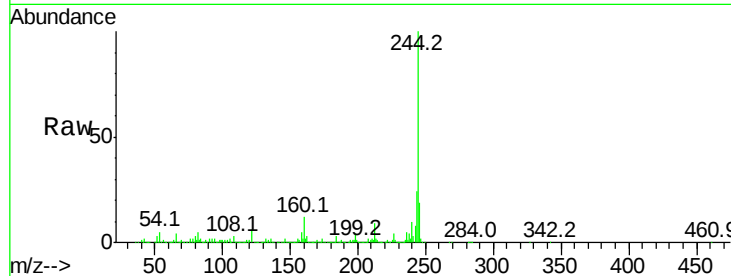
Tot Ion:244 Resp: 3141636

Ion Ratio Lower Upper

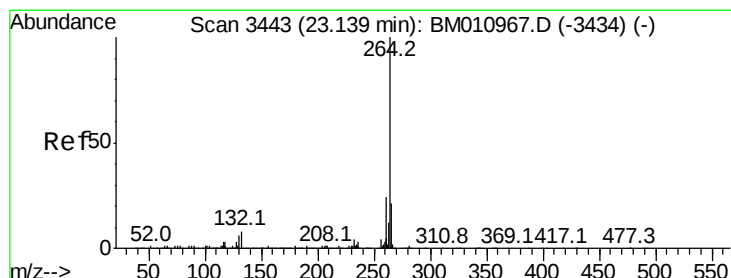
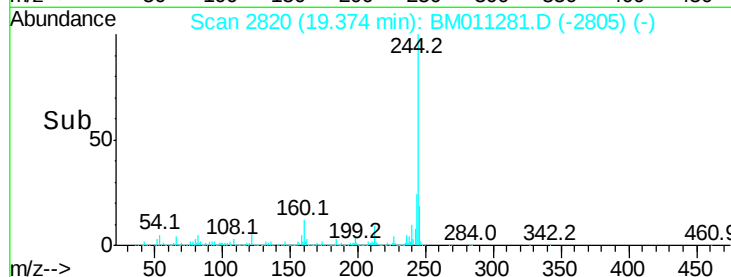
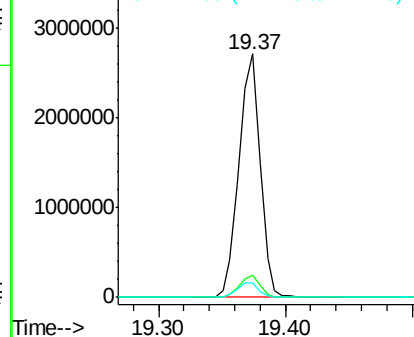
244 100

212 9.0 4.9 7.3#

122 6.0 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: 23.00 min Scan# 3436

Delta R.T. -0.02 min

Lab File: BM011281.D

Acq: 17 Aug 2017 23:57

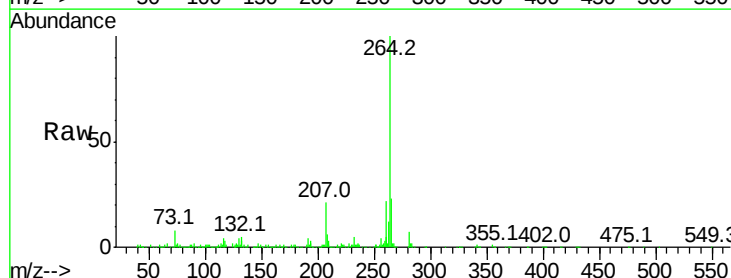
Tgt Ion:264 Resp: 722906

Ion Ratio Lower Upper

264 100

260 21.6 18.6 27.8

265 23.3 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

