

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011449.D
 Acq On : 06 Sep 2017 01:27
 Operator : SJ/JU
 Sample : I5095-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STORM-SEWER-SED

Quant Time: Sep 06 07:52:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

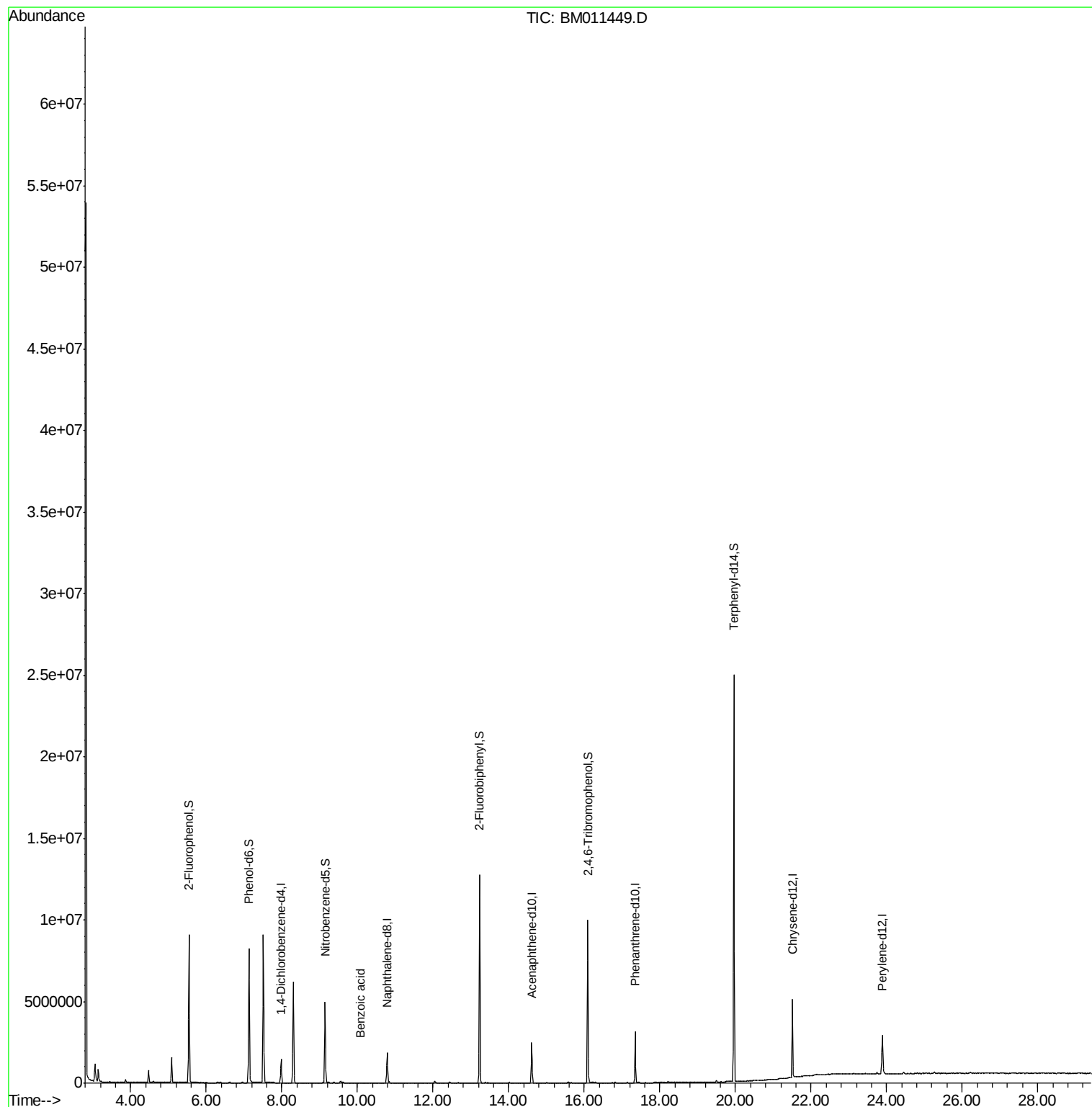
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	372926	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1487977	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	793250	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	1838757	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	2129091	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1577810	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	3381655	152.64	ng	0.00
7) Phenol-d6	7.13	99	4113320	133.90	ng	0.00
23) Nitrobenzene-d5	9.15	82	2545662	112.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	1422229	154.97	ng	-0.02
44) 2-Fluorobiphenyl	13.23	172	6124087	111.29	ng	-0.02
78) Terphenyl-d14	19.96	244	9126024	106.35	ng	-0.02
Target Compounds						
32) Benzoic acid	10.06	122	286	6.556	ng	Qvalue # 17

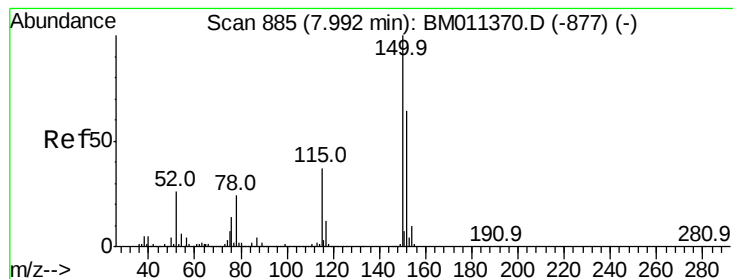
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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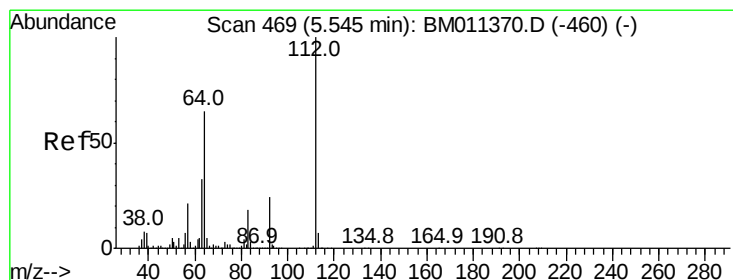
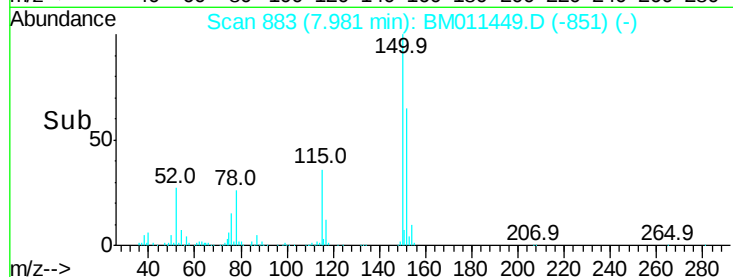
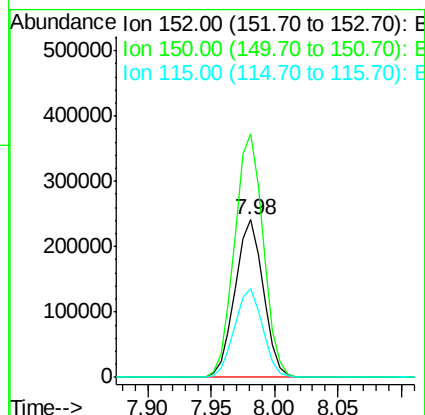
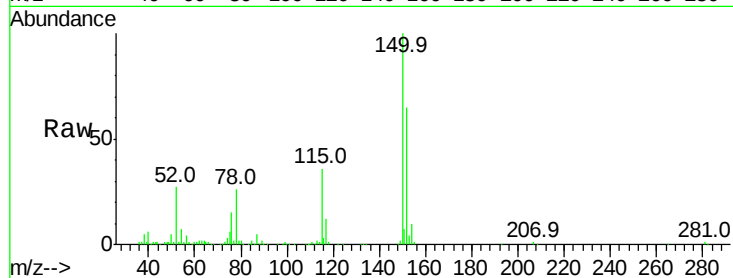


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011449.D
Acq: 06 Sep 2017 01:27

Instrument :
BNA_M
ClientSampleId :
STORM-SEWER-SED

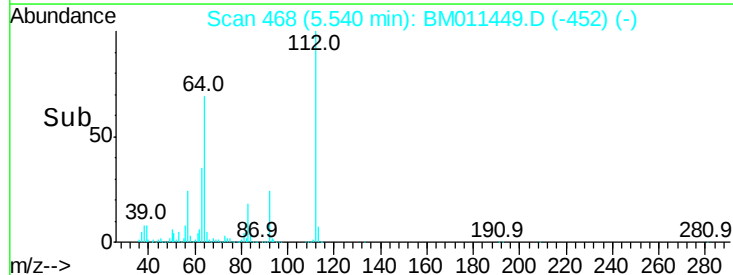
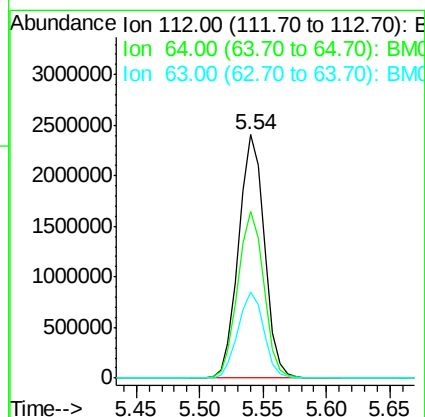
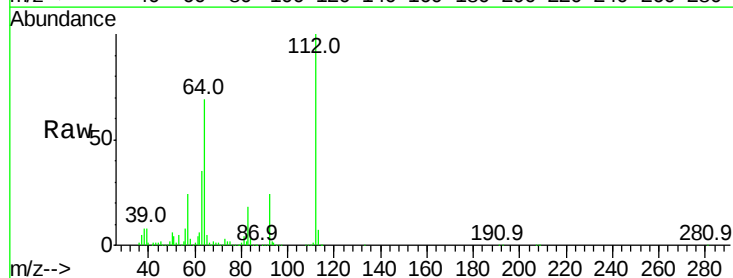
Tot Ion:152 Resp: 372926
Ion Ratio Lower Upper
152 100
150 154.6 119.5 179.3
115 56.1 43.0 64.4

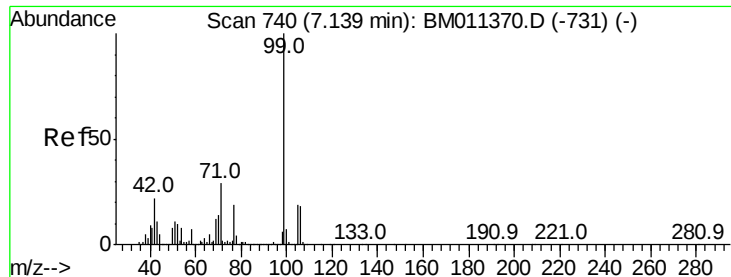


#5

2-Fluorophenol
Concen: 152.638 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011449.D
Acq: 06 Sep 2017 01:27

Tgt Ion:112 Resp: 3381655
Ion Ratio Lower Upper
112 100
64 68.7 38.6 57.8#
63 35.4 19.3 28.9#





#7

Phenol-d6

Concen: 133.896 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011449.D

Acq: 06 Sep 2017 01:27

Instrument :

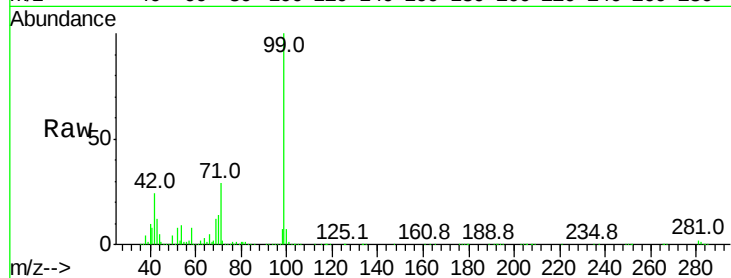
BNA_M

ClientSampleId :

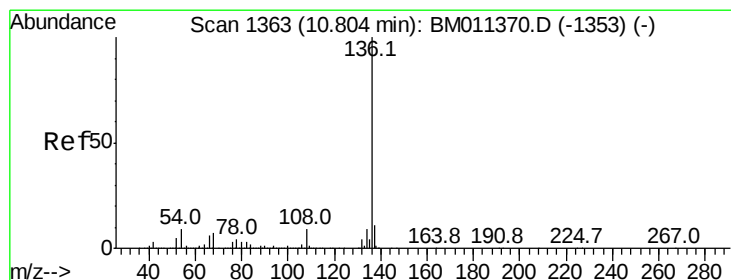
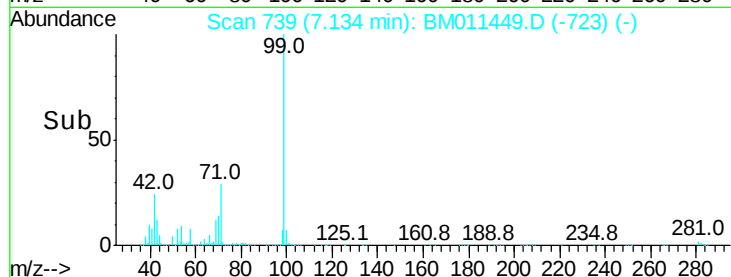
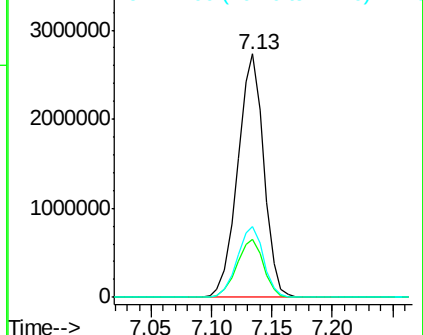
STORM-SEWER-SED

Tot Ion: 99 Resp: 4113320

Ion	Ratio	Lower	Upper
99	100		
42	23.8	11.0	16.4#
71	29.2	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011370.D (-731) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

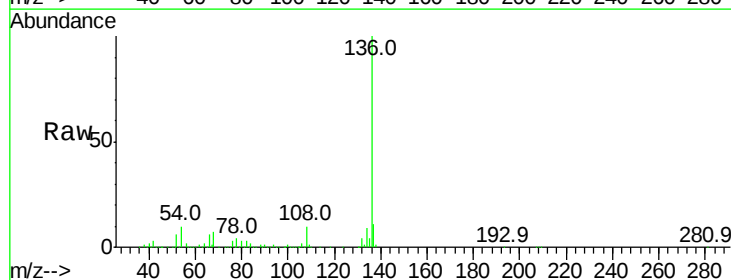
Delta R.T. -0.02 min

Lab File: BM011449.D

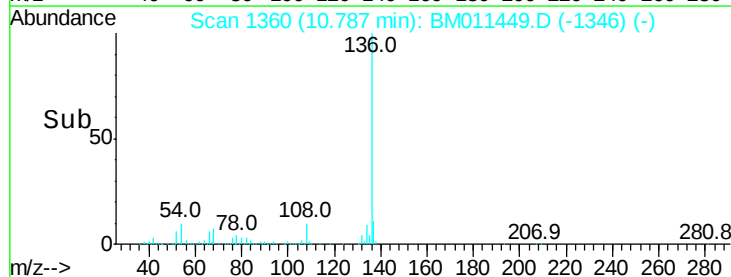
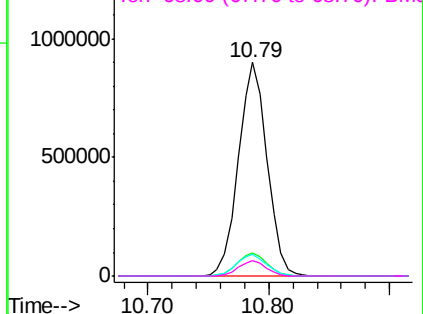
Acq: 06 Sep 2017 01:27

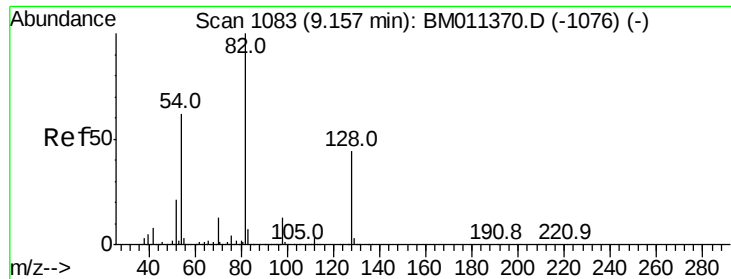
Tgt Ion: 136 Resp: 1487977

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.1	4.6	6.8#
68	7.3	3.7	5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

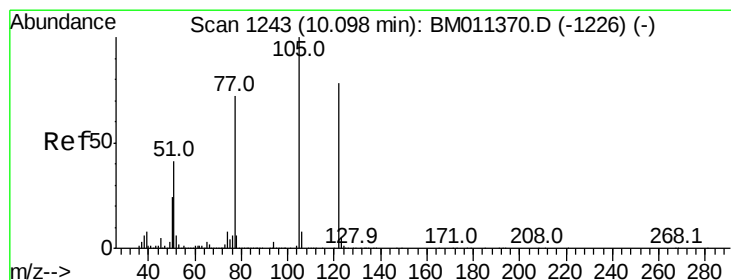
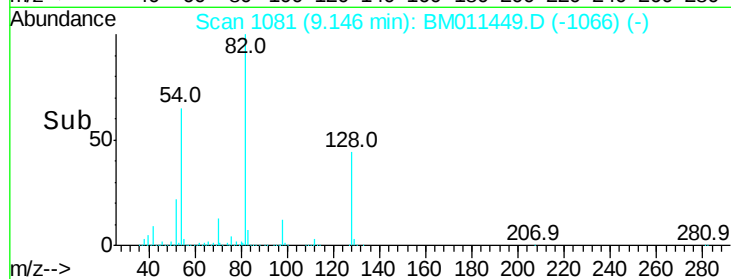
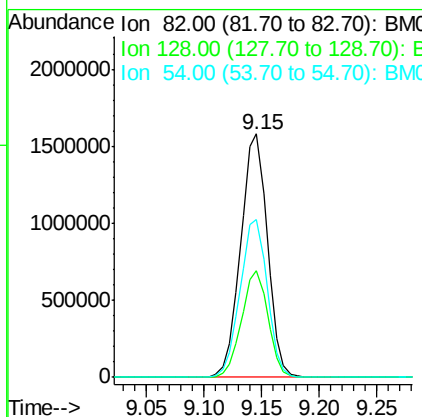
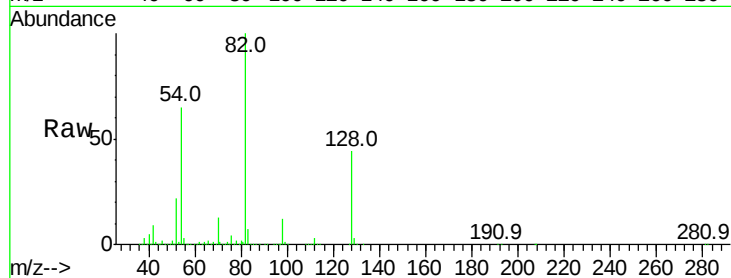




#23
 Nitrobenzene-d5
 Concen: 112.740 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011449.D
 Acq: 06 Sep 2017 01:27

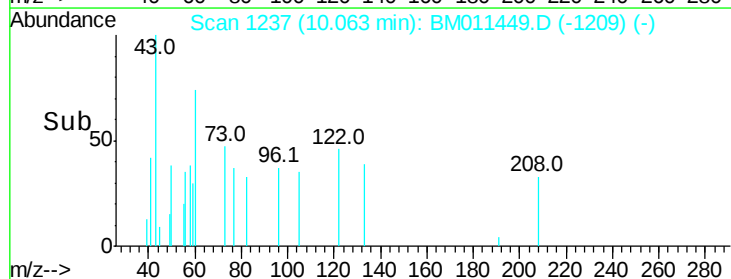
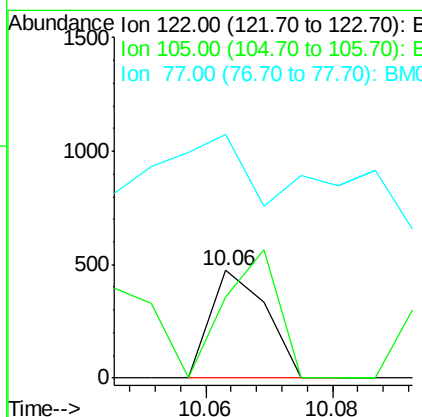
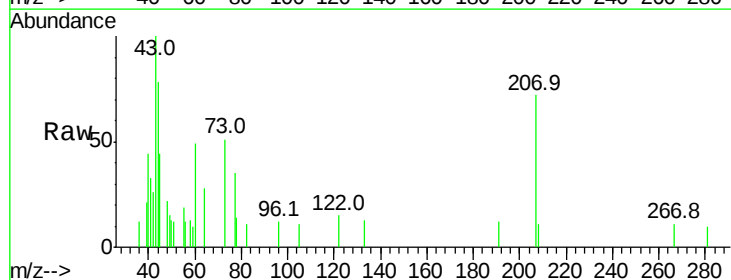
Instrument :
 BNA_M
 ClientSampleId :
 STORM-SEWER-SED

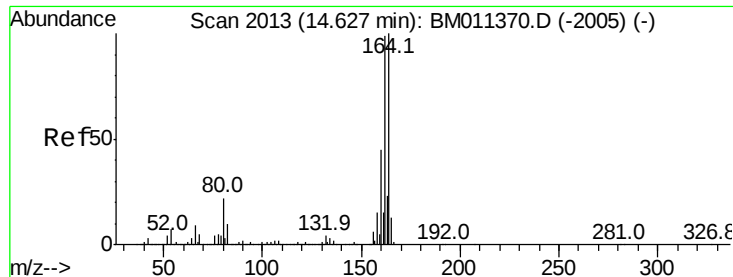
Tot Ion: 82 Resp: 2545662
 Ion Ratio Lower Upper
 82 100
 128 43.6 32.8 49.2
 54 65.0 40.6 60.8#



#32
 Benzoic acid
 Concen: 6.556 ng
 RT: 10.06 min Scan# 1237
 Delta R.T. -0.03 min
 Lab File: BM011449.D
 Acq: 06 Sep 2017 01:27

Tgt Ion:122 Resp: 286
 Ion Ratio Lower Upper
 122 100
 105 74.7 99.9 139.9#
 77 225.9 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BM011449.D

Acq: 06 Sep 2017 01:27

Instrument :

BNA_M

ClientSampleId :

STORM-SEWER-SED

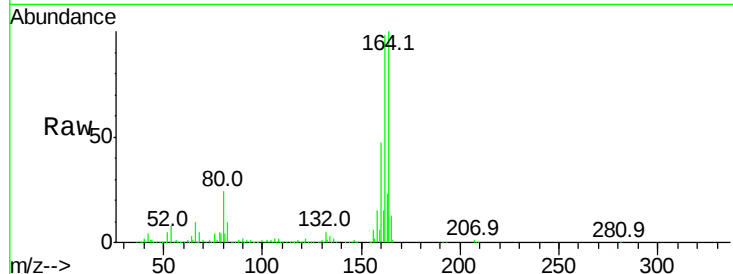
Tot Ion:164 Resp: 793250

Ion Ratio Lower Upper

164 100

162 98.5 82.4 123.6

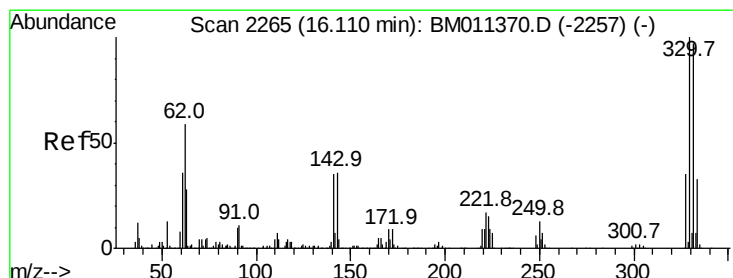
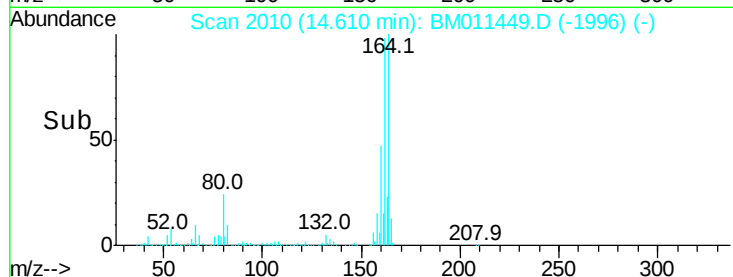
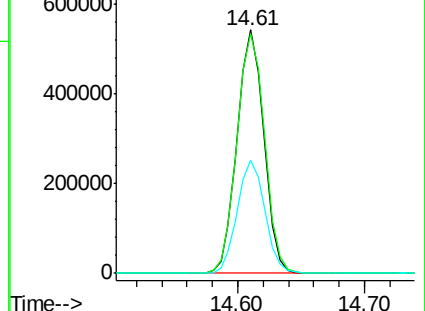
160 46.6 35.8 53.6



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: 154.968 ng

RT: 16.09 min Scan# 2262

Delta R.T. -0.02 min

Lab File: BM011449.D

Acq: 06 Sep 2017 01:27

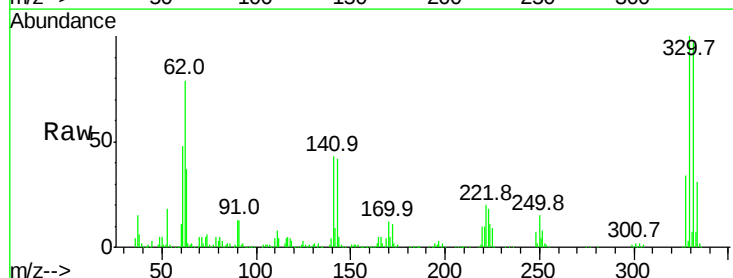
Tgt Ion:330 Resp: 1422229

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

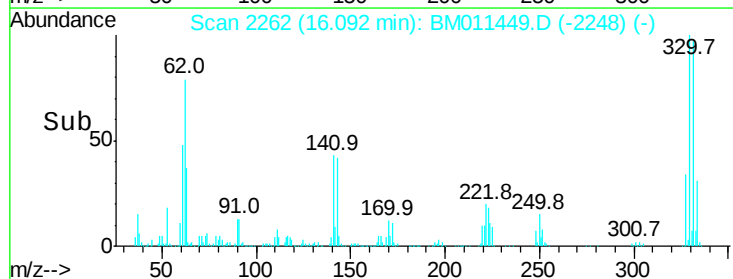
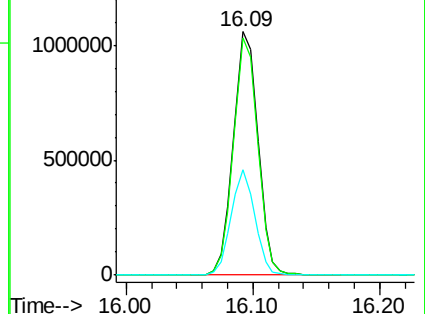
141 41.8 0.0 0.0#

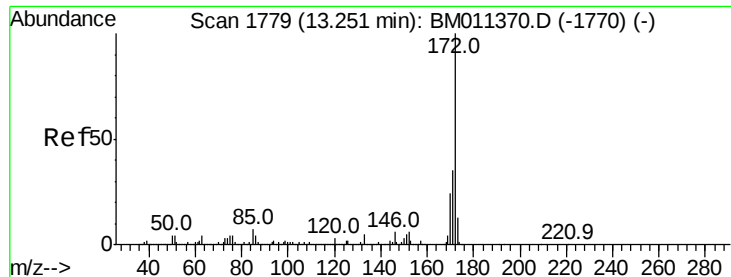


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

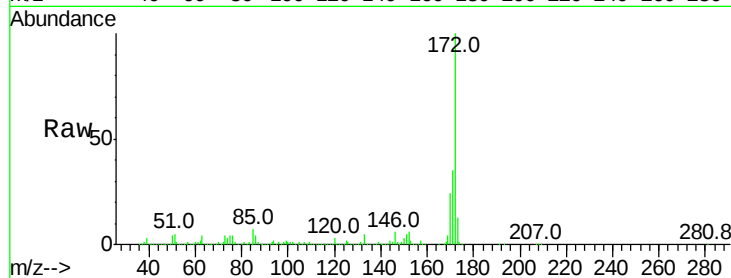




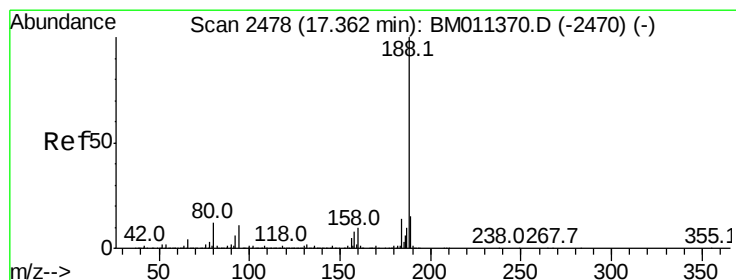
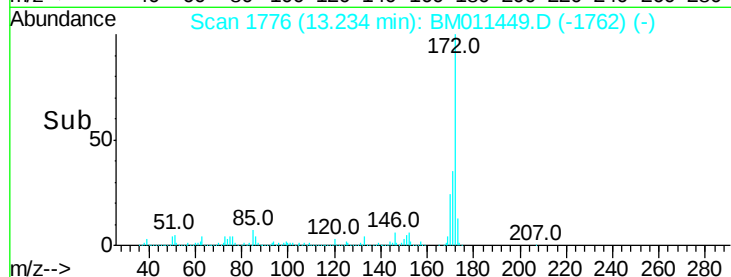
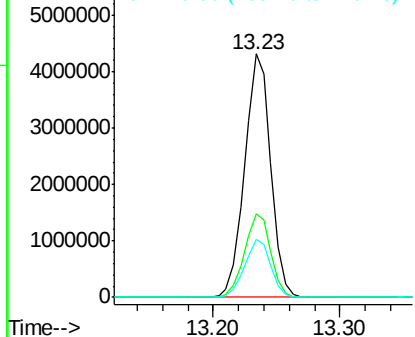
#44
2-Fluorobiphenyl
Concen: 111.286 ng
RT: 13.23 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BM011449.D
Acq: 06 Sep 2017 01:27

Instrument :
BNA_M
ClientSampleId :
STORM-SEWER-SED

Tot Ion:172 Resp: 6124087
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.6 18.8 28.2

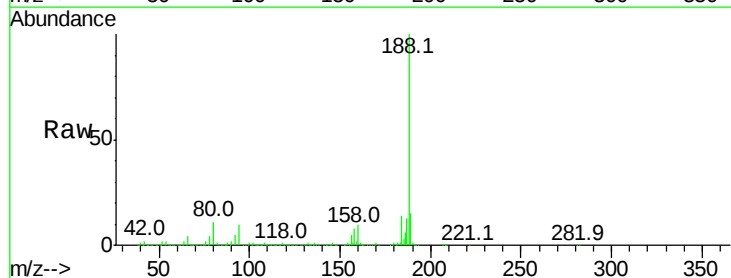


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

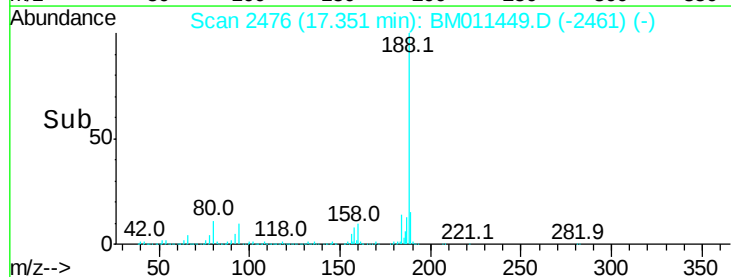
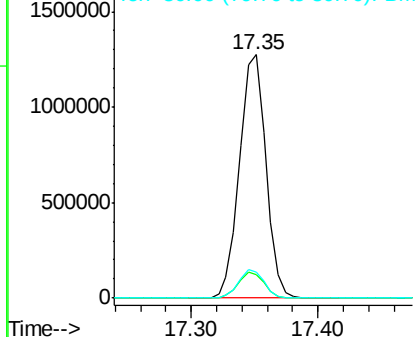


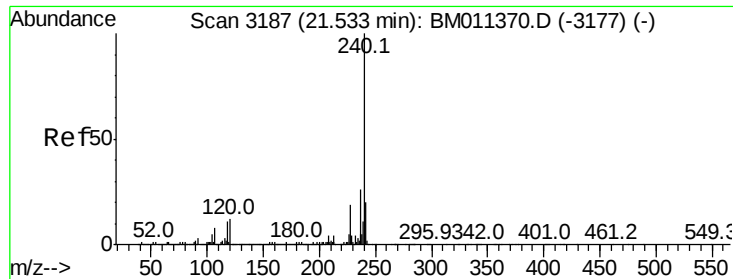
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011449.D
Acq: 06 Sep 2017 01:27

Tgt Ion:188 Resp: 1838757
Ion Ratio Lower Upper
188 100
94 9.9 8.7 13.1
80 10.8 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BM011449.D

Acq: 06 Sep 2017 01:27

Instrument :

BNA_M

ClientSampleId :

STORM-SEWER-SED

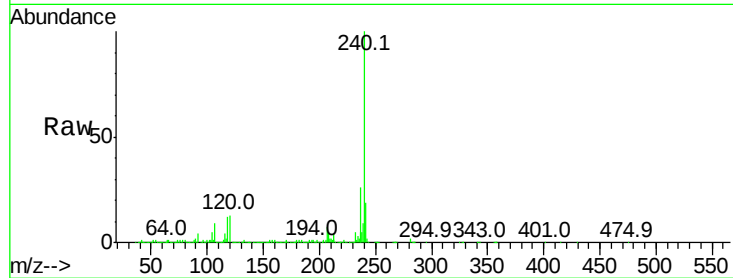
Tot Ion:240 Resp: 2129091

Ion Ratio Lower Upper

240 100

120 12.8 8.2 12.2#

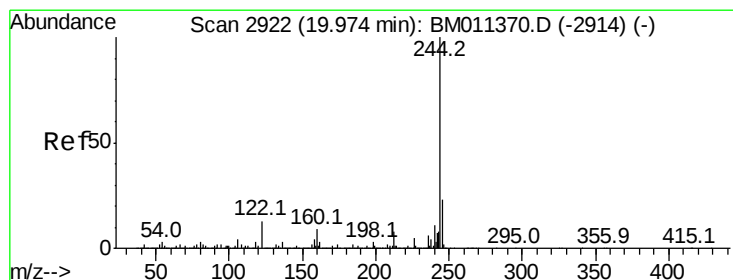
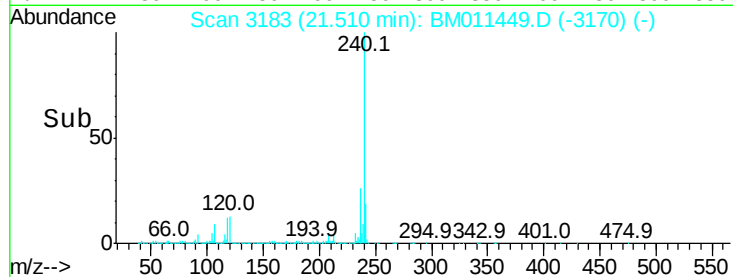
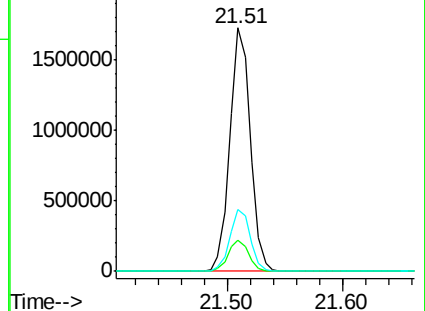
236 25.5 20.0 30.0



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: 106.354 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011449.D

Acq: 06 Sep 2017 01:27

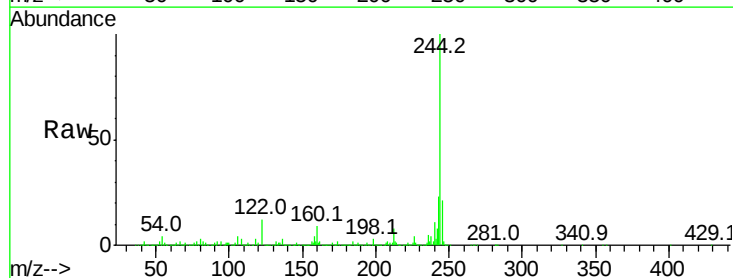
Tgt Ion:244 Resp: 9126024

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

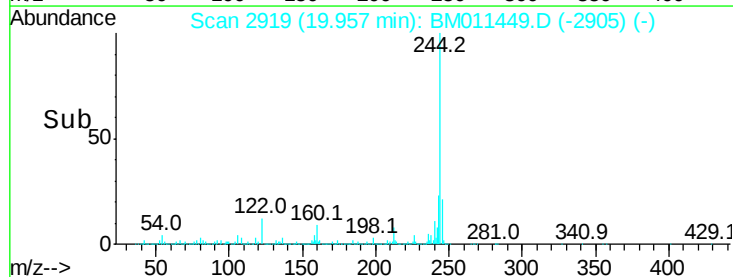
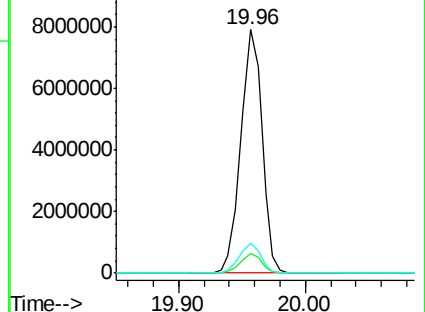
122 12.2 6.2 9.4#

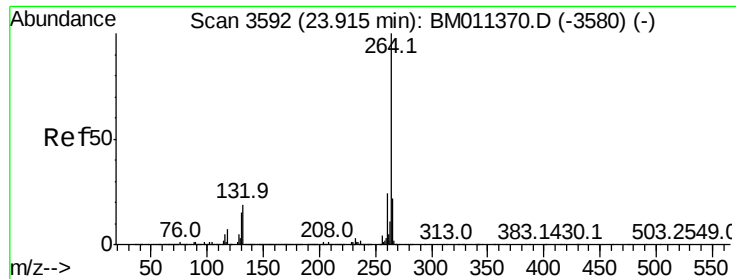


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



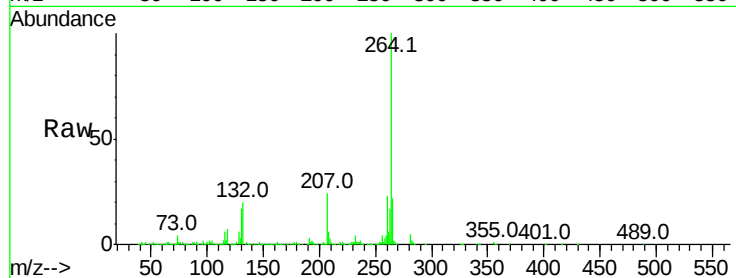


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BM011449.D
Acq: 06 Sep 2017 01:27

Instrument :
BNA_M
ClientSampleId :
STORM-SEWER-SED

Tot Ion: 264 Resp: 1577810

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.0	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

