

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090717\
 Data File : BM011460.D
 Acq On : 07 Sep 2017 18:27
 Operator : SJ/JU
 Sample : I5110-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-2

Quant Time: Sep 08 07:48:43 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

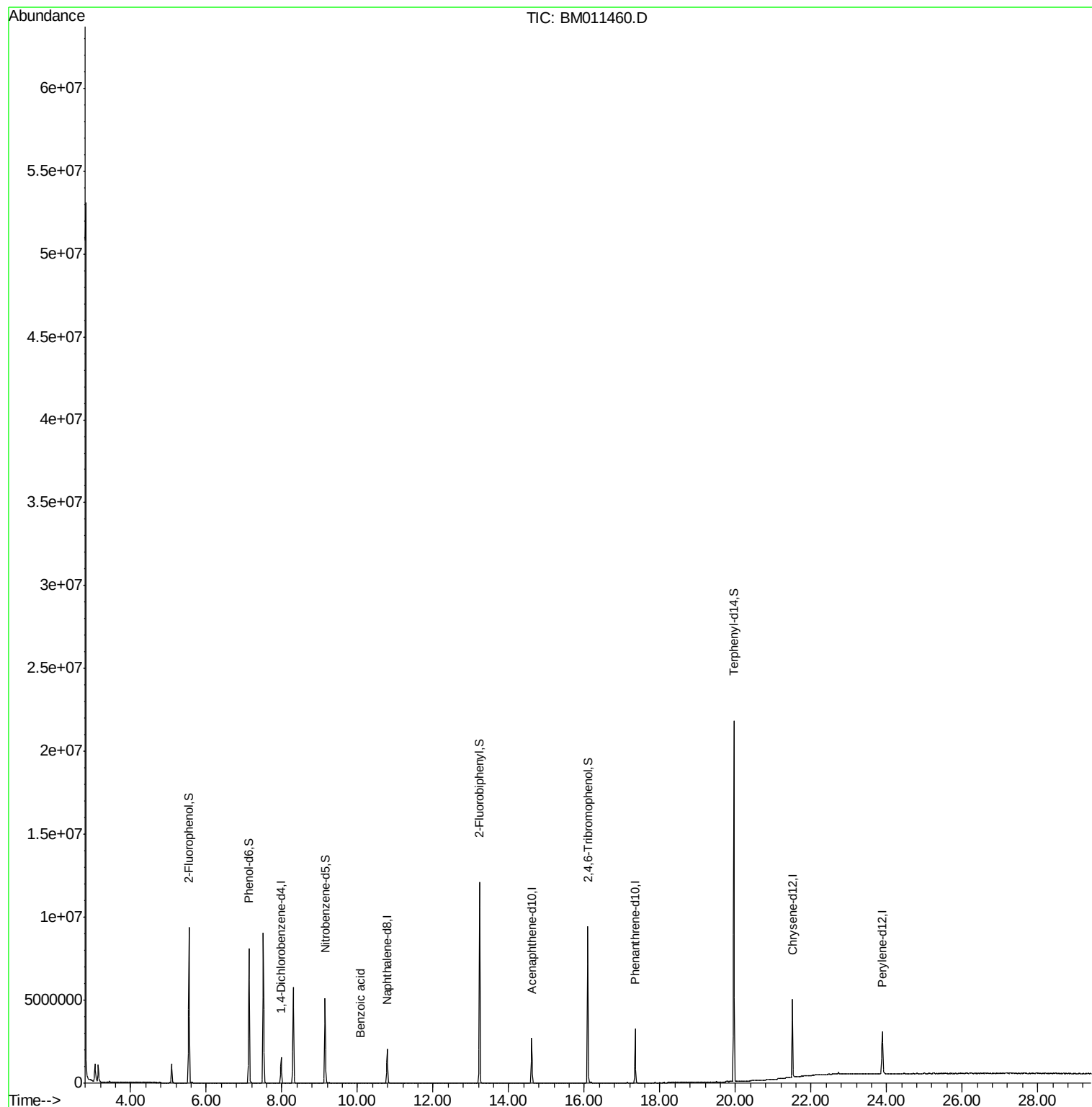
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	403283	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1656641	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	849245	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	1843210	20.00	ng	-0.02
75) Chrysene-d12	21.51	240	2066266	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1862776	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	3513619	146.66	ng	0.00
7) Phenol-d6	7.13	99	4265064	128.38	ng	0.00
23) Nitrobenzene-d5	9.15	82	2636443	104.87	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	1356050	138.01	ng	-0.02
44) 2-Fluorobiphenyl	13.23	172	5782105	98.14	ng	-0.02
78) Terphenyl-d14	19.96	244	8246856	99.03	ng	-0.02
Target Compounds						
32) Benzoic acid	10.08	122	106	6.545	ng	Qvalue # 51

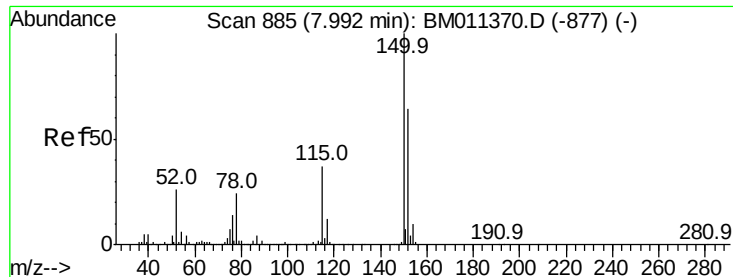
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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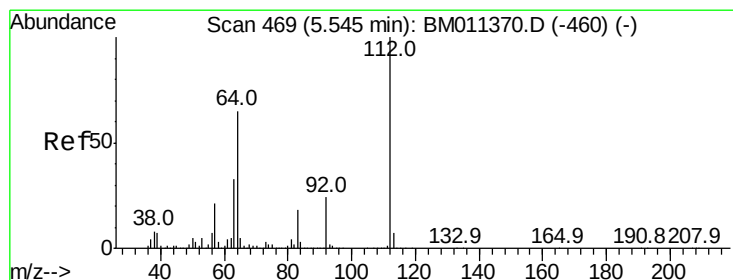
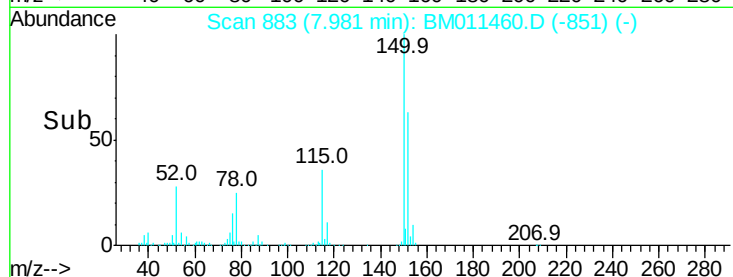
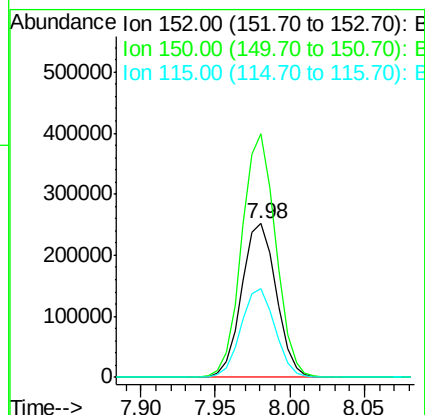
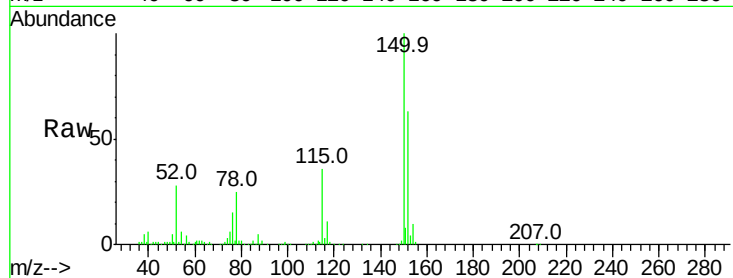


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011460.D
Acq: 07 Sep 2017 18:27

Instrument :
BNA_M
ClientSampled :
SP-2

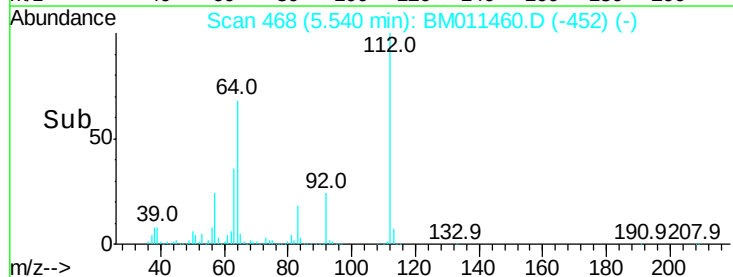
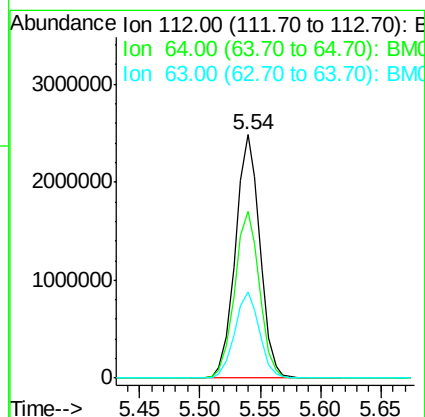
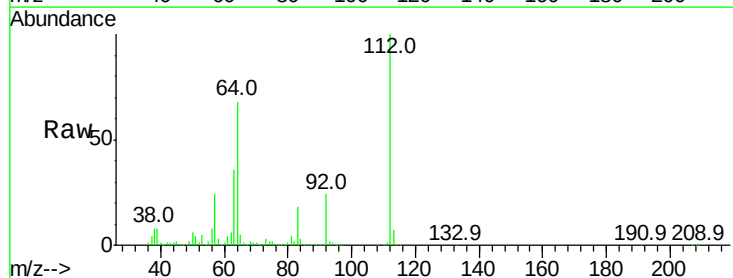
Tot Ion:152 Resp: 403283
Ion Ratio Lower Upper
152 100
150 158.5 119.5 179.3
115 57.8 43.0 64.4

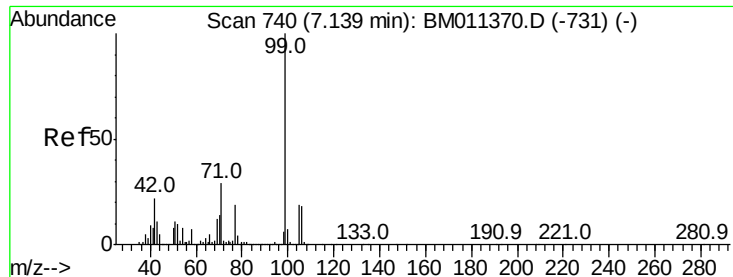


#5

2-Fluorophenol
Concen: 146.656 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011460.D
Acq: 07 Sep 2017 18:27

Tgt Ion:112 Resp: 3513619
Ion Ratio Lower Upper
112 100
64 68.5 38.6 57.8#
63 35.6 19.3 28.9#





#7

Phenol-d6

Concen: 128.385 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011460.D

Acq: 07 Sep 2017 18:27

Instrument :

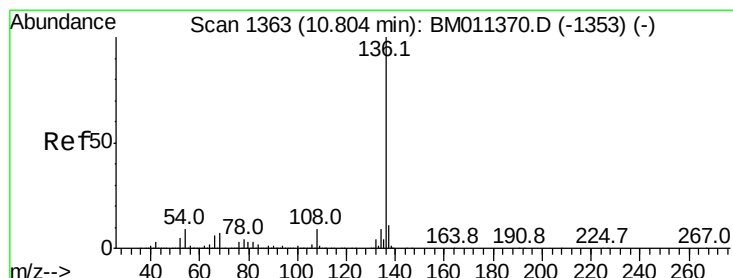
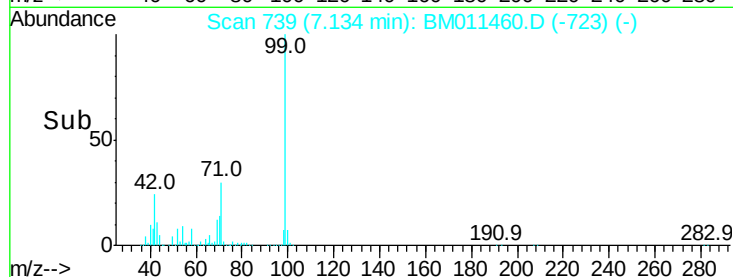
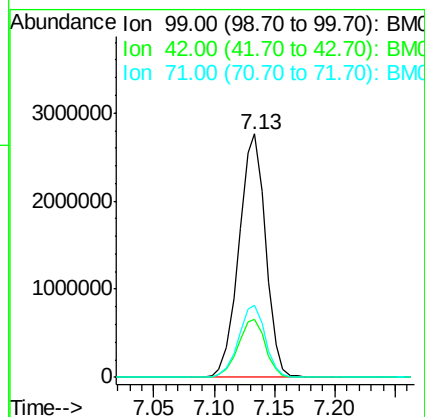
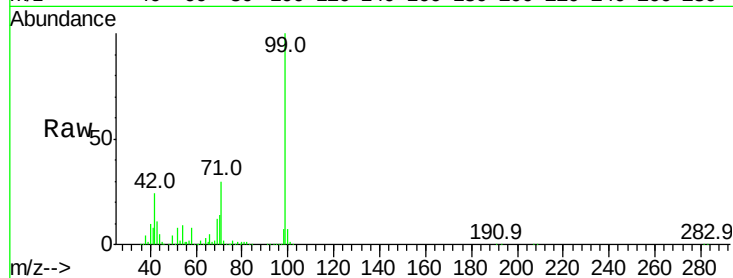
BNA_M

ClientSampleId :

SP-2

Tot Ion: 99 Resp: 4265064

Ion	Ratio	Lower	Upper
99	100		
42	23.8	11.0	16.4#
71	29.8	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

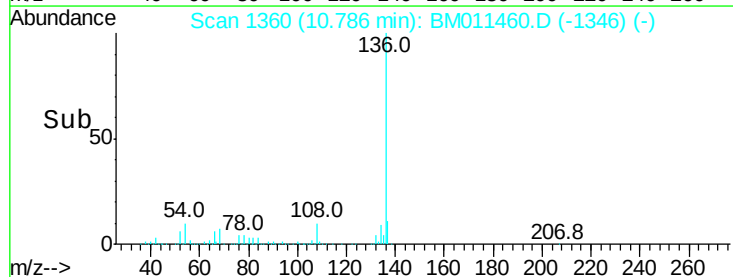
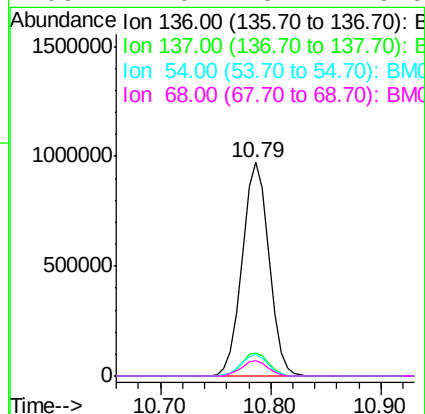
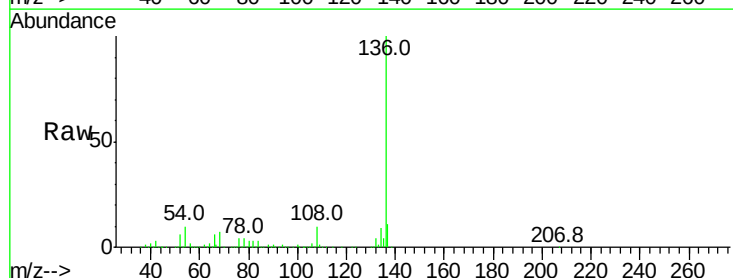
Delta R.T. -0.02 min

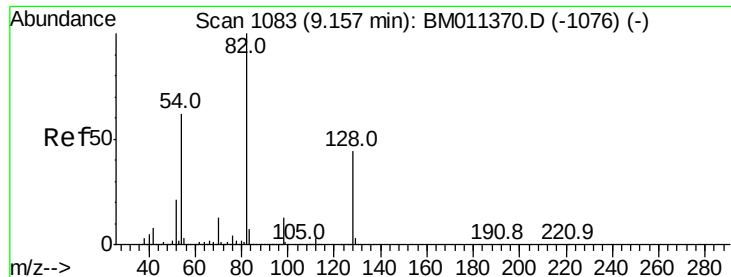
Lab File: BM011460.D

Acq: 07 Sep 2017 18:27

Tgt Ion: 136 Resp: 1656641

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.3	4.6	6.8#
68	7.0	3.7	5.5#





#23

Nitrobenzene-d5

Concen: 104.873 ng

RT: 9.15 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BM011460.D

Acq: 07 Sep 2017 18:27

Instrument :

BNA_M

ClientSampled :

SP-2

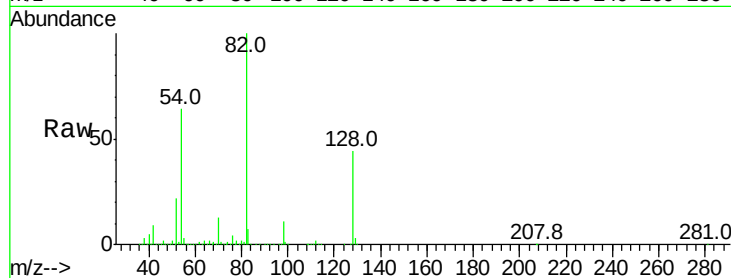
Tot Ion: 82 Resp: 2636443

Ion Ratio Lower Upper

82 100

128 44.3 32.8 49.2

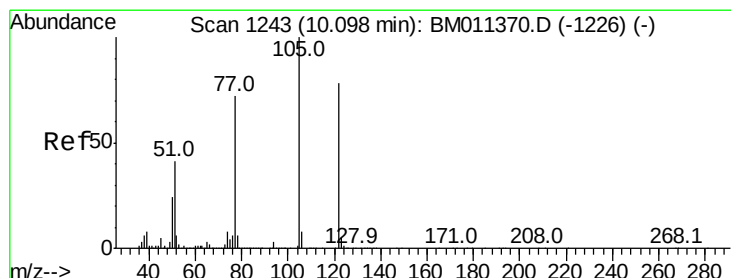
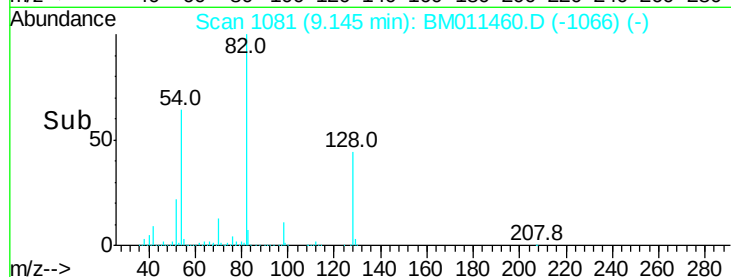
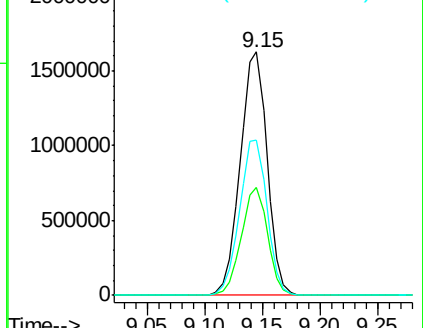
54 64.0 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM011460.D (-1066) (-)

Ion 128.00 (127.70 to 128.70): BM011460.D (-1066) (-)

Ion 54.00 (53.70 to 54.70): BM011460.D (-1066) (-)



#32

Benzoic acid

Concen: 6.545 ng

RT: 10.08 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM011460.D

Acq: 07 Sep 2017 18:27

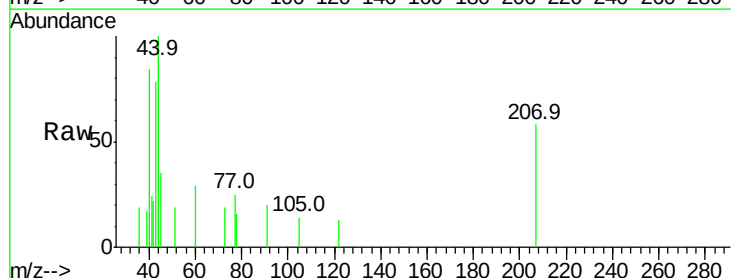
Tgt Ion:122 Resp: 106

Ion Ratio Lower Upper

122 100

105 104.0 99.9 139.9

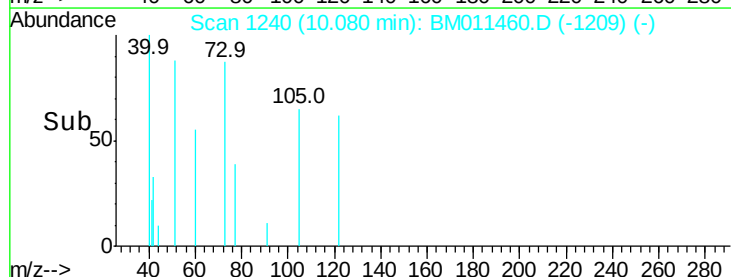
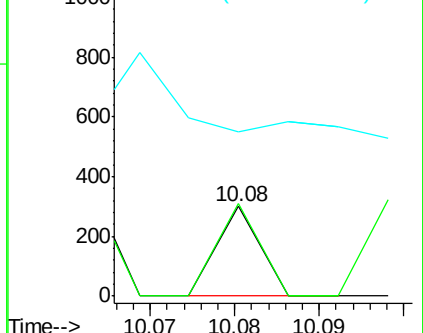
77 183.0 73.7 113.7#

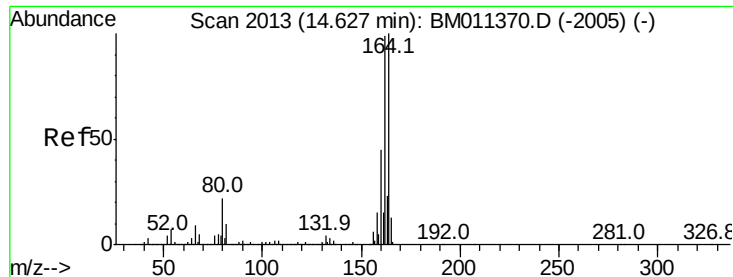


Abundance Ion 122.00 (121.70 to 122.70): BM011460.D (-1209) (-)

Ion 105.00 (104.70 to 105.70): BM011460.D (-1209) (-)

Ion 77.00 (76.70 to 77.70): BM011460.D (-1209) (-)





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BM011460.D

Acq: 07 Sep 2017 18:27

Instrument :

BNA_M

ClientSampled :

SP-2

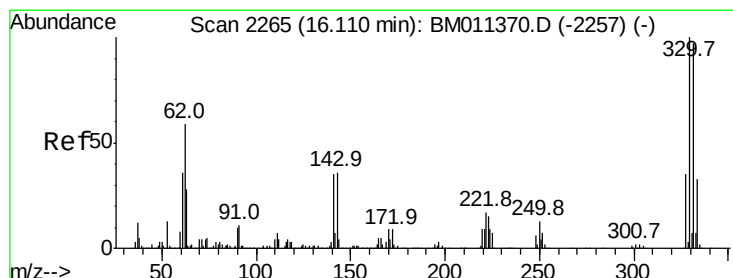
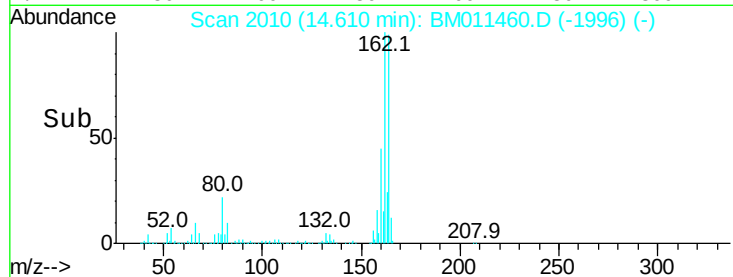
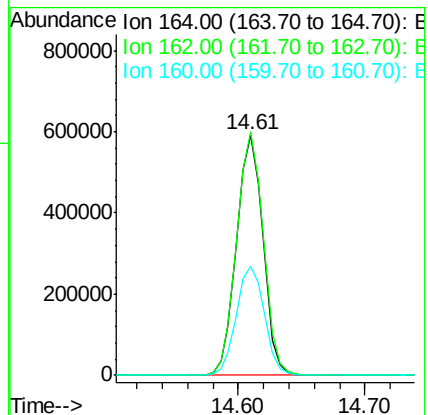
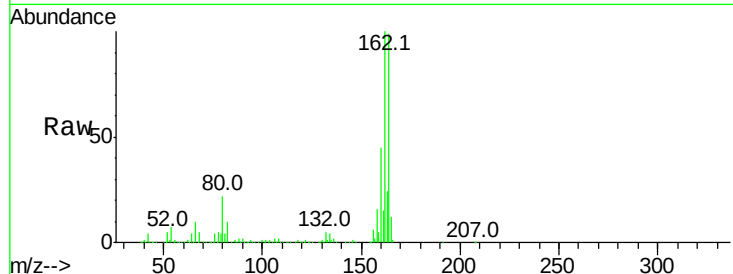
Tot Ion:164 Resp: 849245

Ion Ratio Lower Upper

164 100

162 101.5 82.4 123.6

160 45.7 35.8 53.6



#41

2,4,6-Tribromophenol

Concen: 138.015 ng

RT: 16.09 min Scan# 2262

Delta R.T. -0.02 min

Lab File: BM011460.D

Acq: 07 Sep 2017 18:27

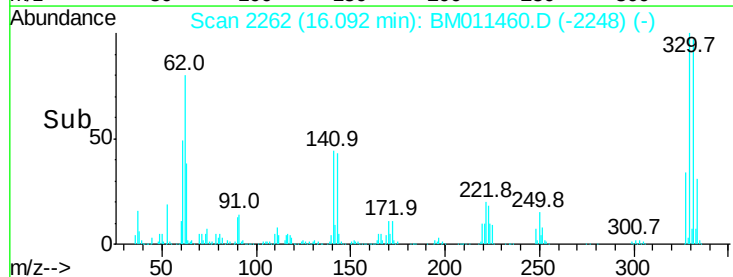
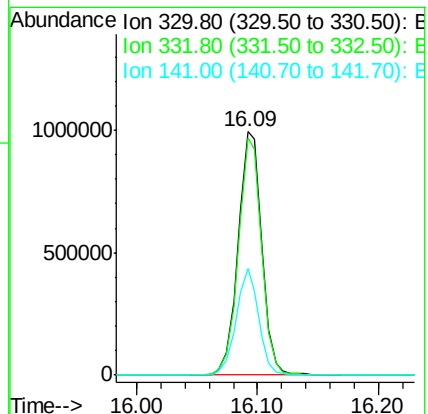
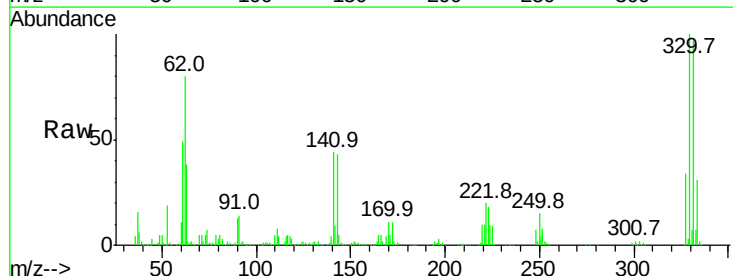
Tgt Ion:330 Resp: 1356050

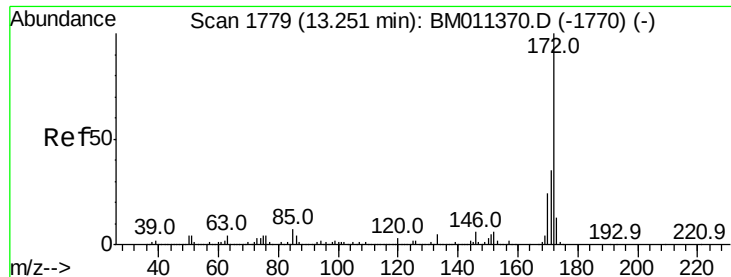
Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

141 41.7 0.0 0.0#

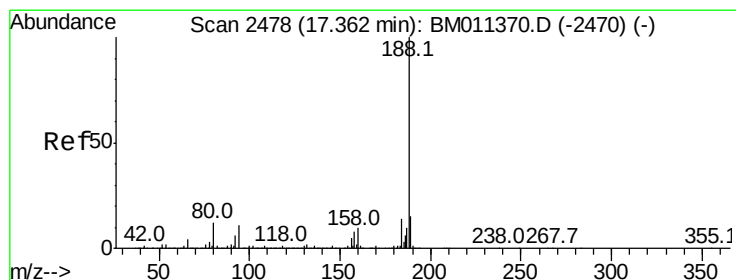
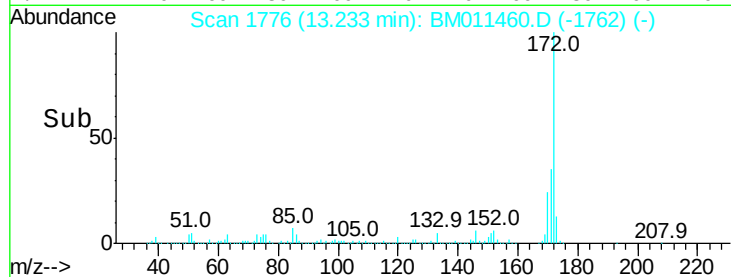
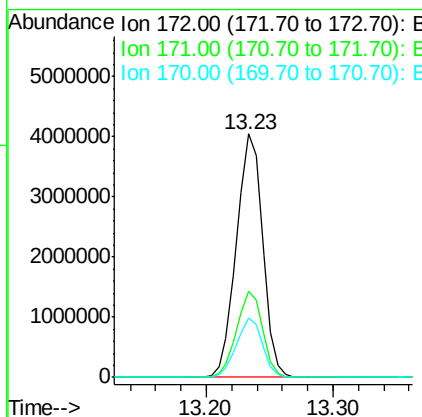
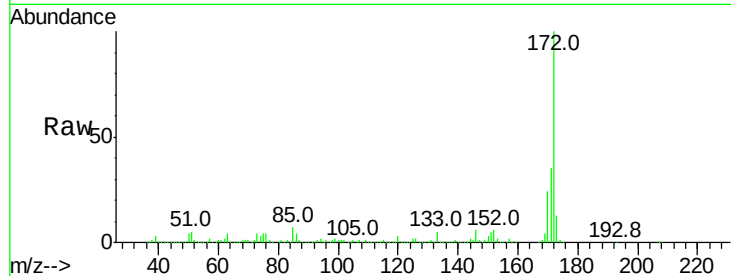




#44
2-Fluorobiphenyl
Concen: 98.144 ng
RT: 13.23 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BM011460.D
Acq: 07 Sep 2017 18:27

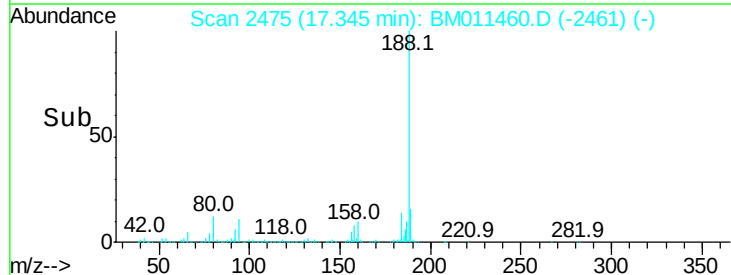
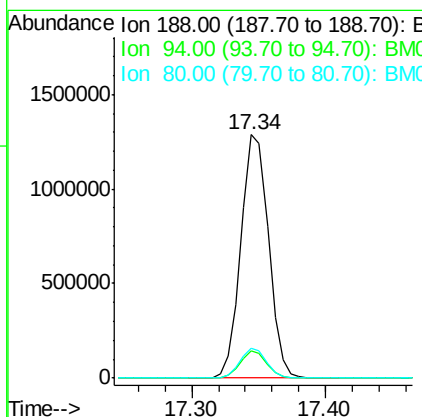
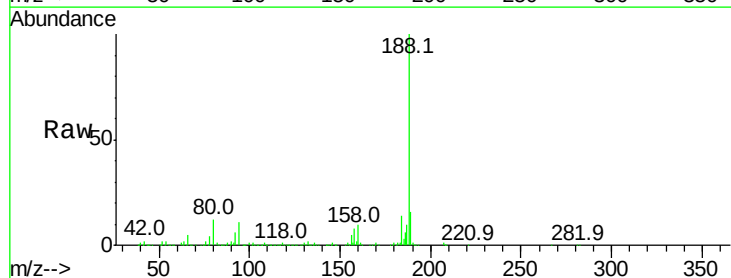
Instrument :
BNA_M
ClientSampleId :
SP-2

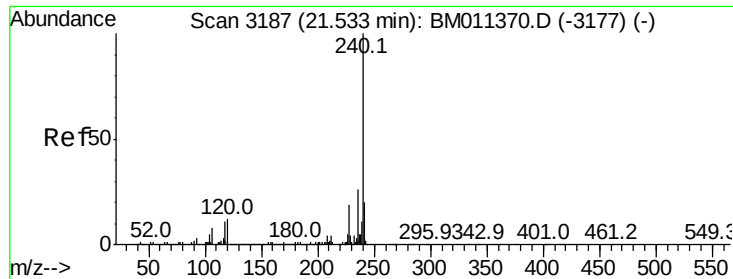
Tot Ion:172 Resp: 5782105
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.2 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2475
Delta R.T. -0.02 min
Lab File: BM011460.D
Acq: 07 Sep 2017 18:27

Tgt Ion:188 Resp: 1843210
Ion Ratio Lower Upper
188 100
94 11.0 8.7 13.1
80 12.3 9.3 13.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BM011460.D

Acq: 07 Sep 2017 18:27

Instrument :

BNA_M

ClientSampleId :

SP-2

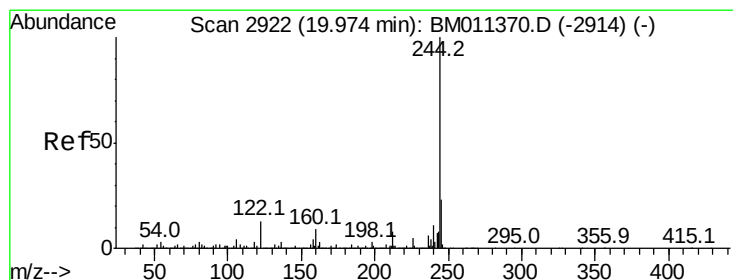
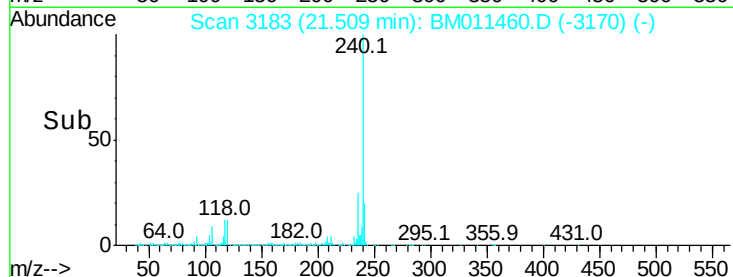
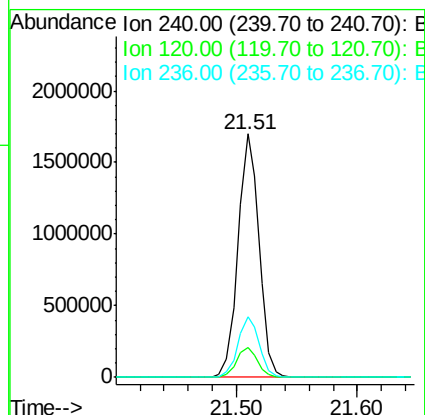
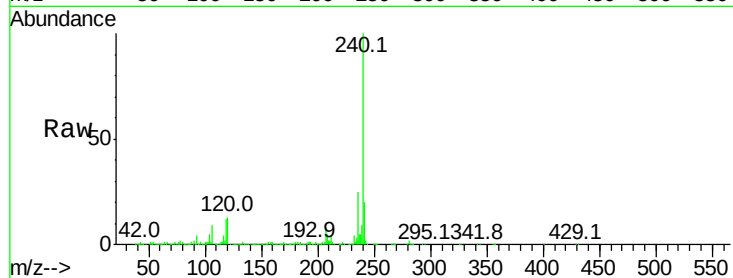
Tot Ion:240 Resp: 2066266

Ion Ratio Lower Upper

240 100

120 12.5 8.2 12.2#

236 24.8 20.0 30.0



#78

Terphenyl-d14

Concen: 99.030 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011460.D

Acq: 07 Sep 2017 18:27

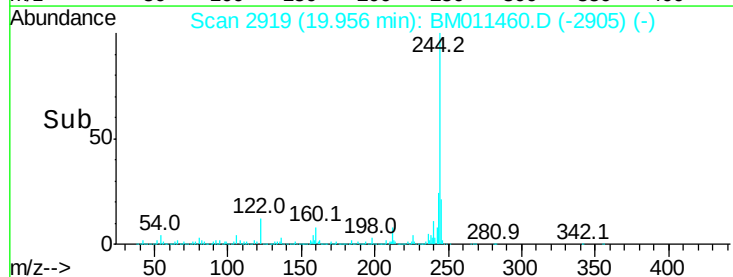
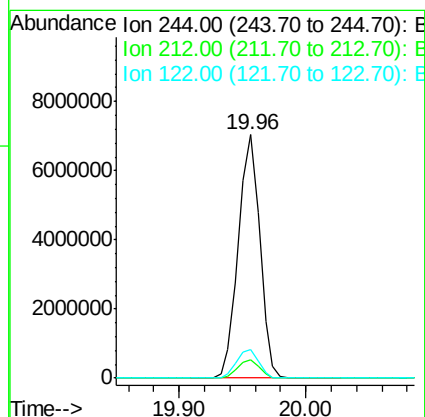
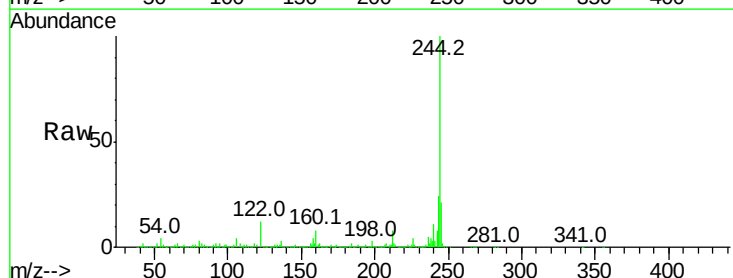
Tgt Ion:244 Resp: 8246856

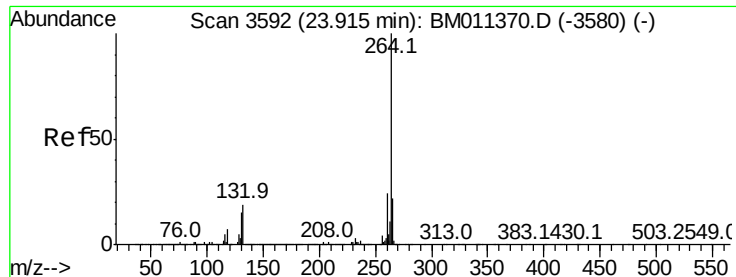
Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

122 11.6 6.2 9.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BM011460.D
Acq: 07 Sep 2017 18:27

Instrument :
BNA_M
ClientSampleId :
SP-2

Tot Ion:264 Resp: 1862776

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.4	17.3	25.9

