

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010849.D
 Acq On : 17 Jul 2017 23:57
 Operator : SJ/JU
 Sample : PB100669TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100669TB

Quant Time: Jul 18 05:42:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	268485	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1006161	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	619982	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1409604	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1247814	20.00	ng	0.00
86) Perylene-d12	23.19	264	980361	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	2364638	145.89	ng	0.00
7) Phenol-d6	6.64	99	3065870	137.21	ng	0.00
23) Nitrobenzene-d5	8.59	82	2338100	89.32	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1267808	133.81	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4728319	94.88	ng	0.00
78) Terphenyl-d14	19.51	244	5676420	87.98	ng	0.00

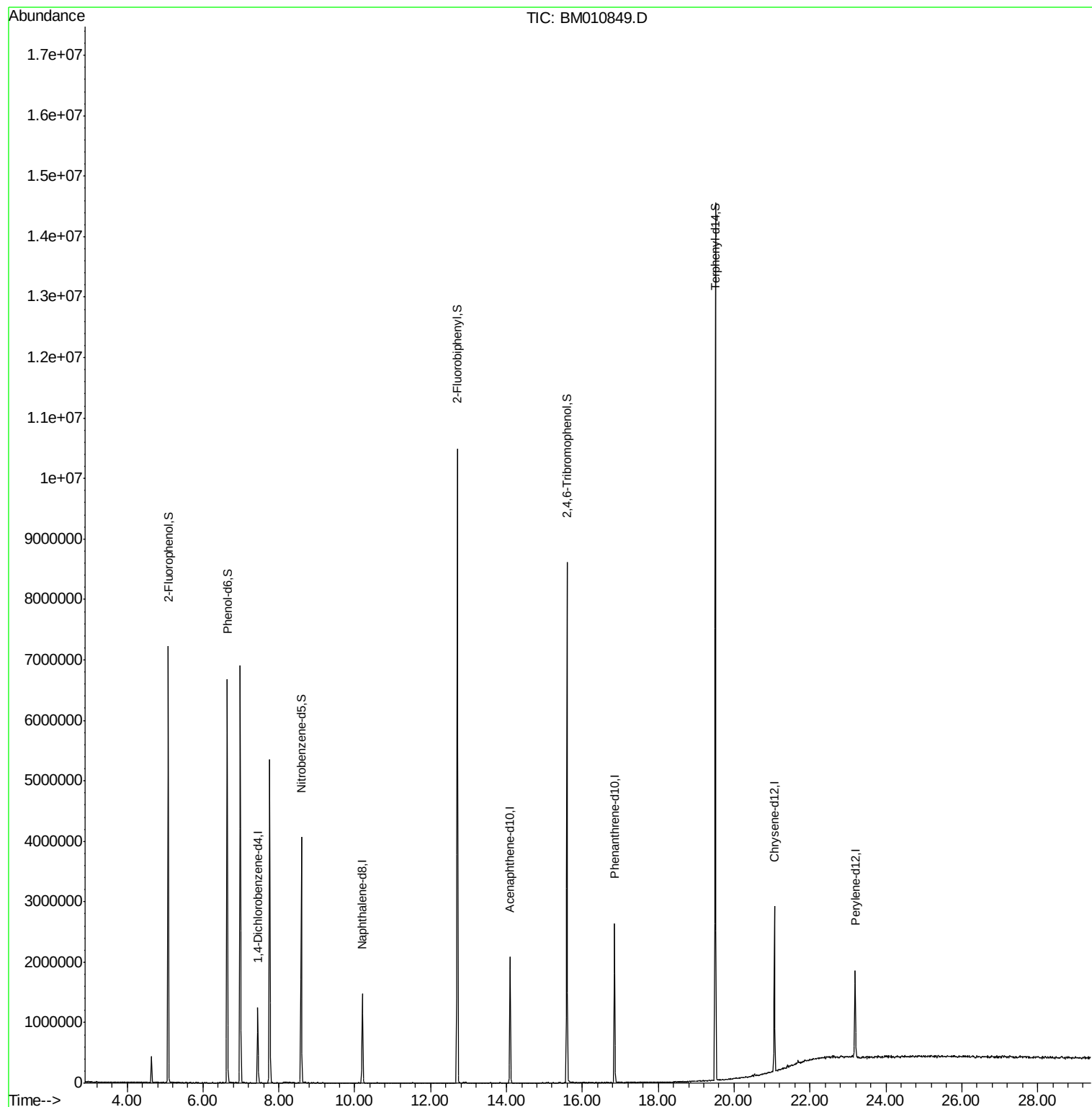
Target Compounds Qvalue

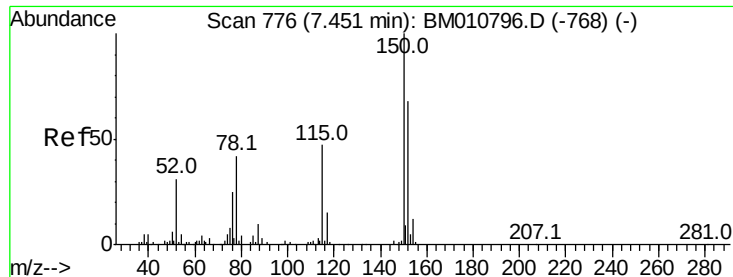
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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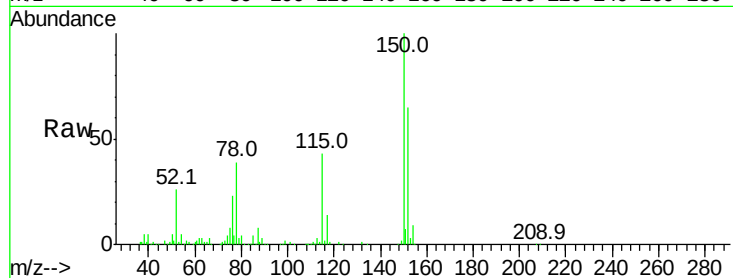


#1

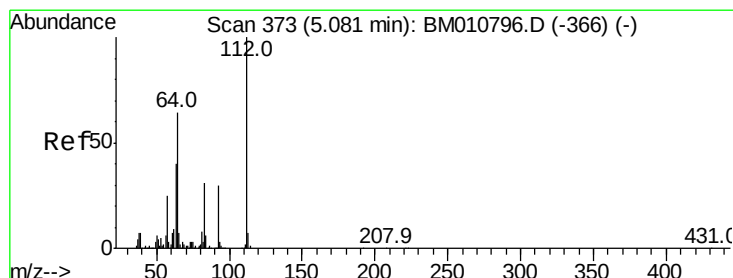
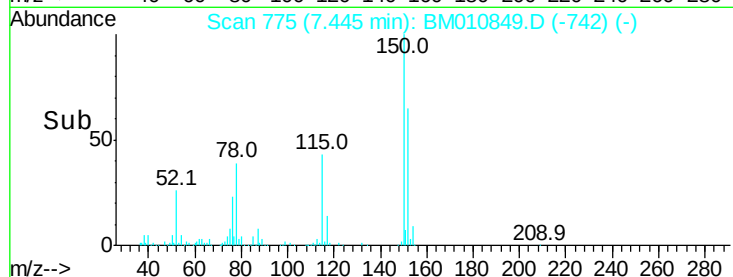
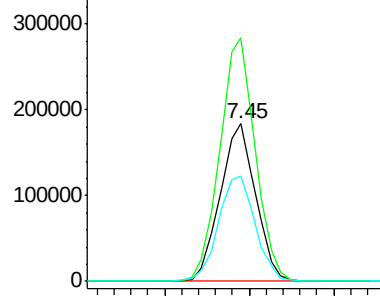
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010849.D
Acq: 17 Jul 2017 23:57

Instrument :
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ClientSampleId :
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Tot Ion	152	Resp	268485
Ion	Ratio	Lower	Upper
152	100		
150	154.8	119.5	179.3
115	66.8	43.0	64.4



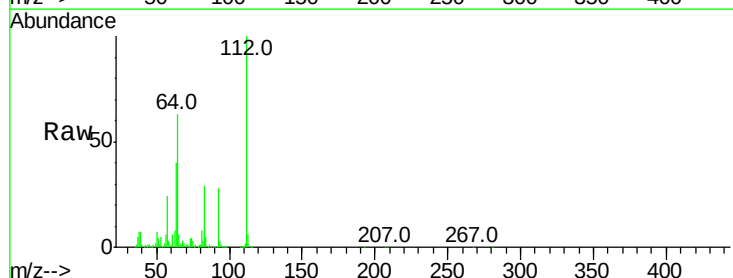
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



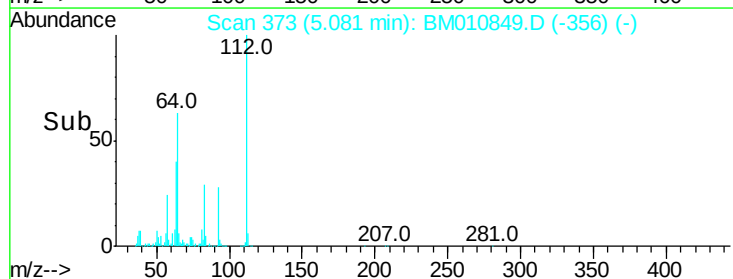
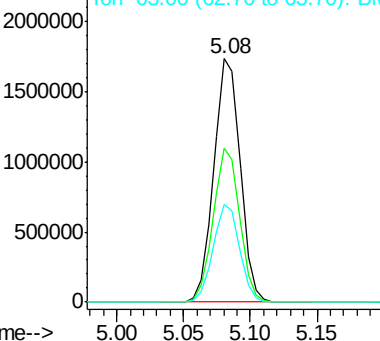
#5

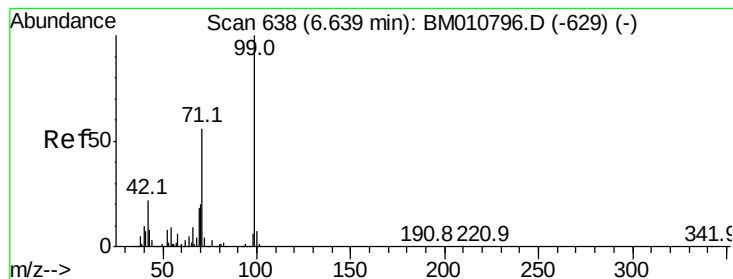
2-Fluorophenol
Concen: 145.893 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010849.D
Acq: 17 Jul 2017 23:57

Tgt Ion	112	Resp	2364638
Ion	Ratio	Lower	Upper
112	100		
64	63.4	38.6	57.8
63	40.0	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: 137.211 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.00 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

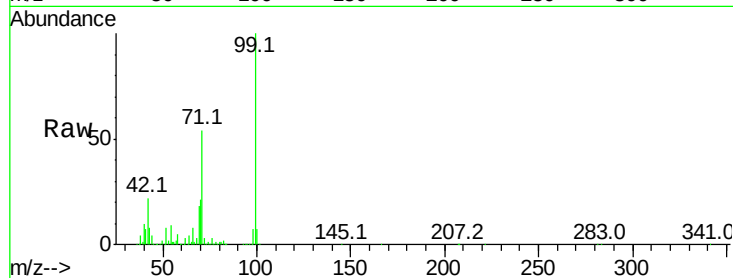
BNA_M

ClientSampleId :

PB100669TB

Tot Ion: 99 Resp: 3065870

Ion	Ratio	Lower	Upper
99	100		
42	21.6	11.0	16.4#
71	53.7	23.4	35.2#

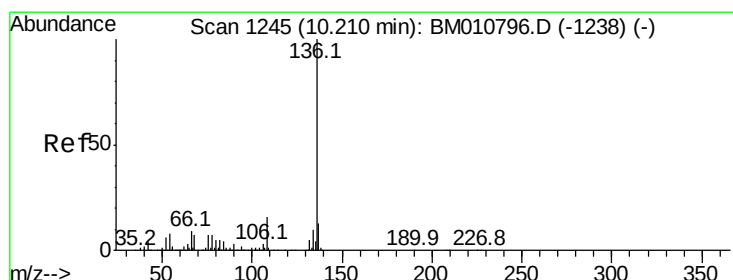
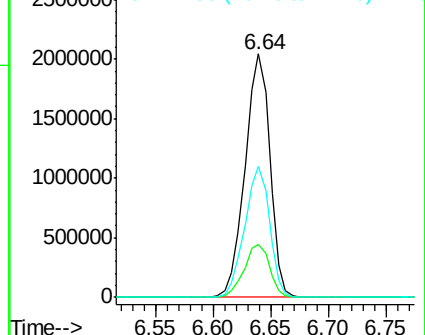
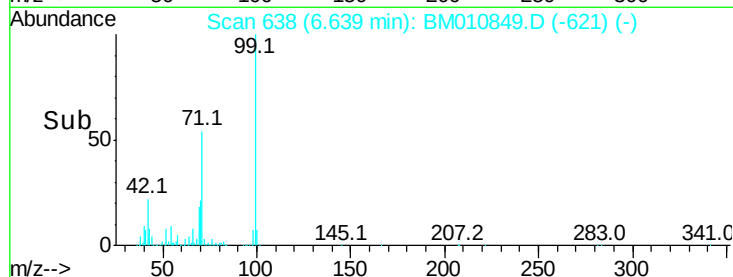


Abundance

Ion 99.00 (98.70 to 99.70): BM010849.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010849.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010849.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

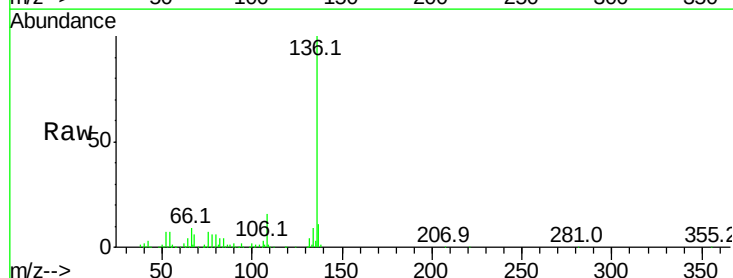
Delta R.T. -0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Tgt Ion: 136 Resp: 1006161

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.8	4.6	6.8
68	6.4	3.7	5.5#



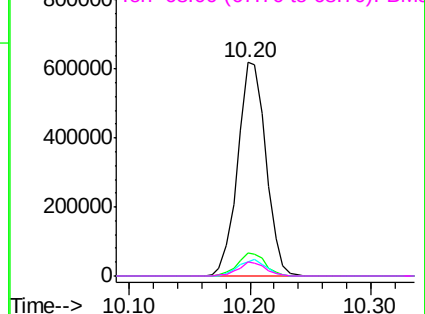
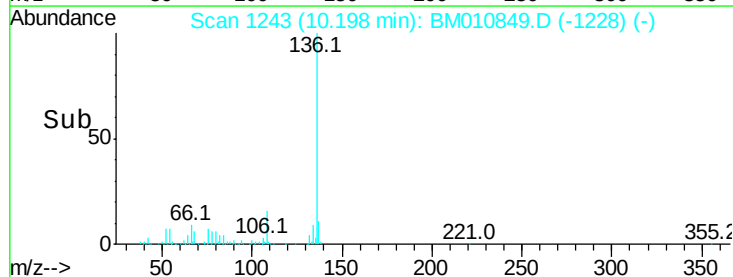
Abundance

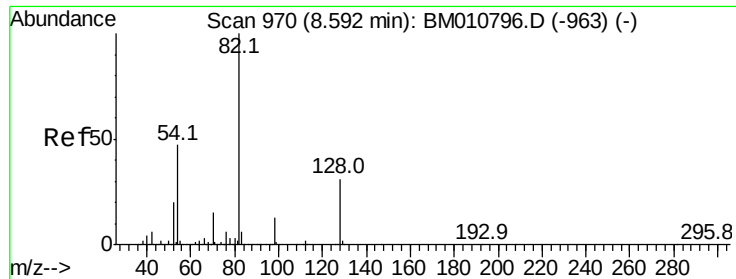
Ion 136.00 (135.70 to 136.70): BM010849.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM010849.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM010849.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM010849.D (-1228) (-)





#23

Nitrobenzene-d5

Concen: 89.321 ng

RT: 8.59 min Scan# 970

Delta R.T. -0.00 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

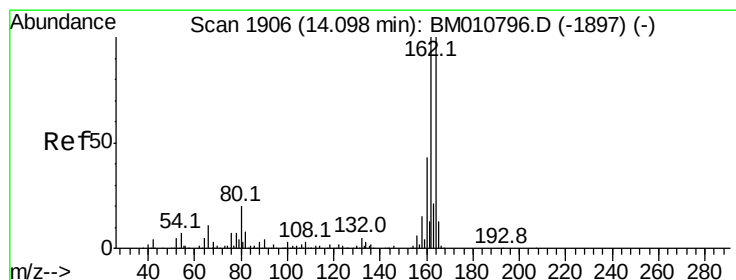
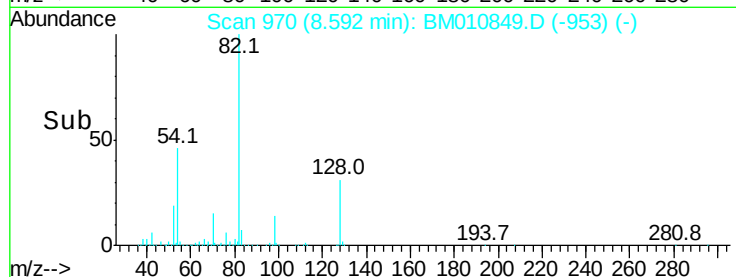
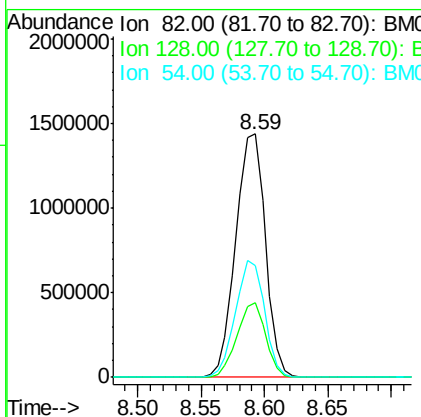
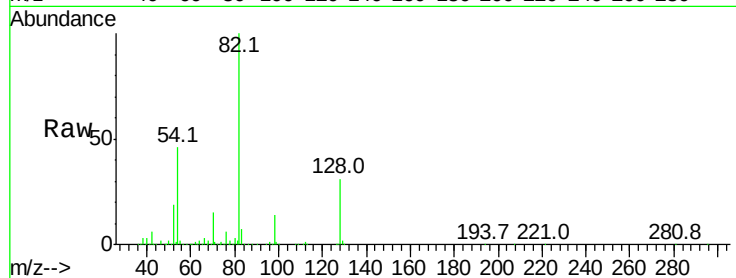
BNA_M

ClientSampleId :

PB100669TB

Tot Ion: 82 Resp: 2338100

Ion	Ratio	Lower	Upper
82	100		
128	30.5	32.8	49.2#
54	45.7	40.6	60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

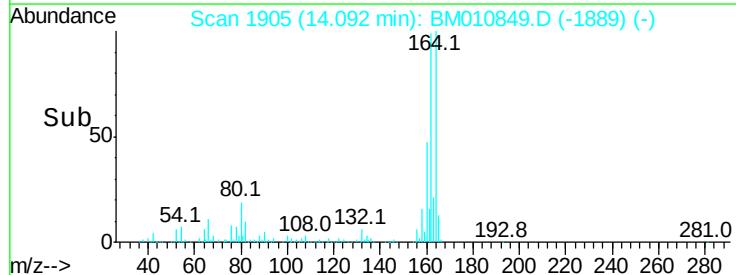
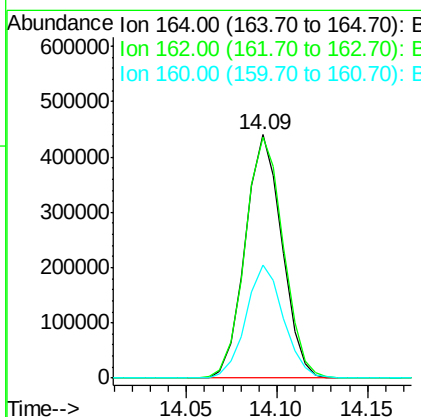
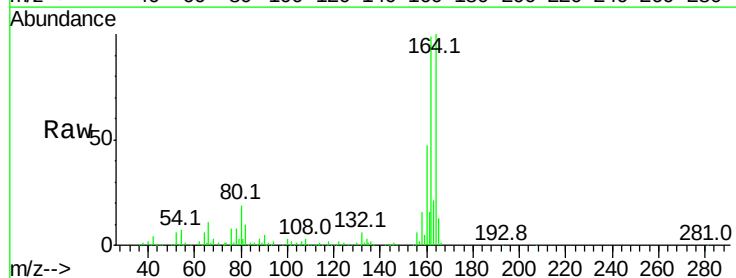
Delta R.T. -0.01 min

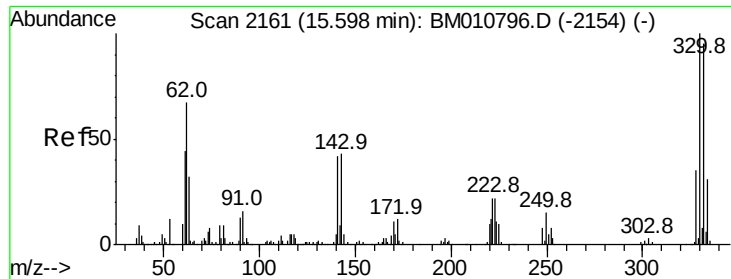
Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Tgt Ion: 164 Resp: 619982

Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.4	123.6
160	46.6	35.8	53.6

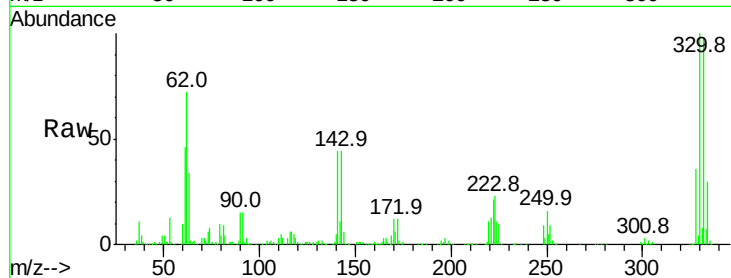




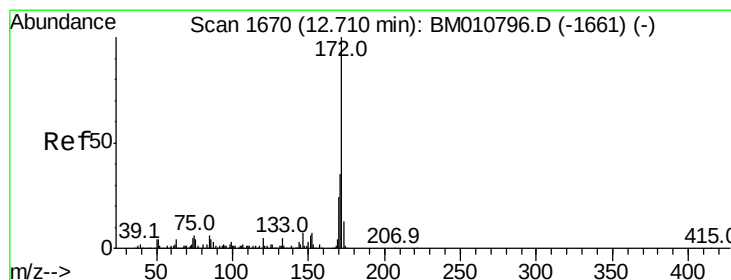
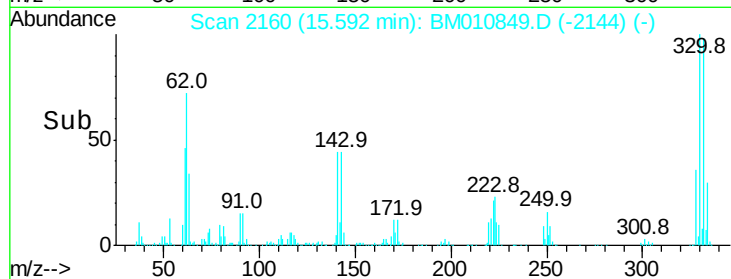
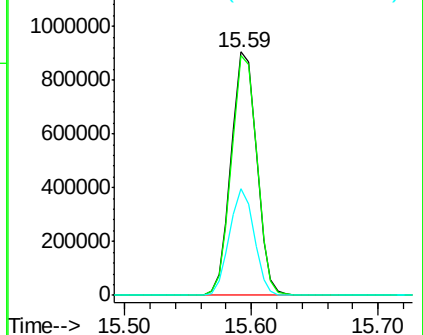
#41
 2,4,6-Tribromophenol
 Concen: 133.813 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010849.D
 Acq: 17 Jul 2017 23:57

Instrument :
 BNA_M
 ClientSampleId :
 PB100669TB

Tot Ion:330 Resp: 1267808
 Ion Ratio Lower Upper
 330 100
 332 97.9 0.0 0.0#
 141 42.5 0.0 0.0#

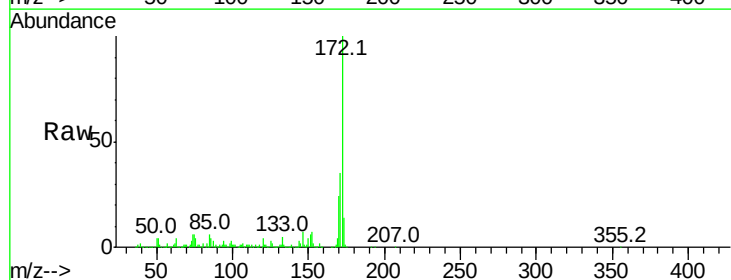


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

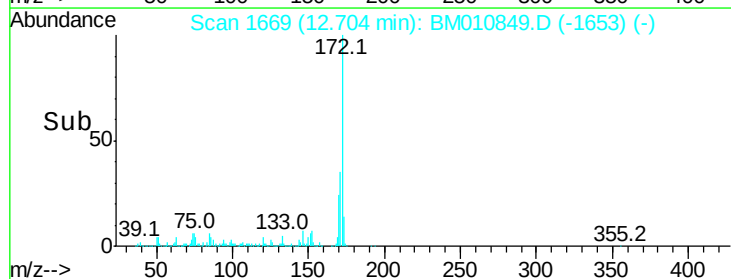
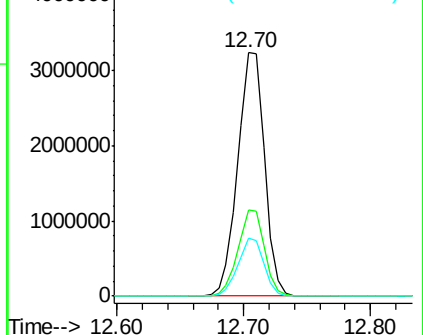


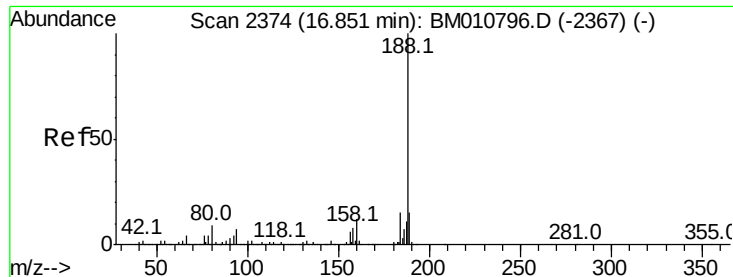
#44
 2-Fluorobiphenyl
 Concen: 94.876 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010849.D
 Acq: 17 Jul 2017 23:57

Tgt Ion:172 Resp: 4728319
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.7 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: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

Instrument :

BNA_M

ClientSampleId :

PB100669TB

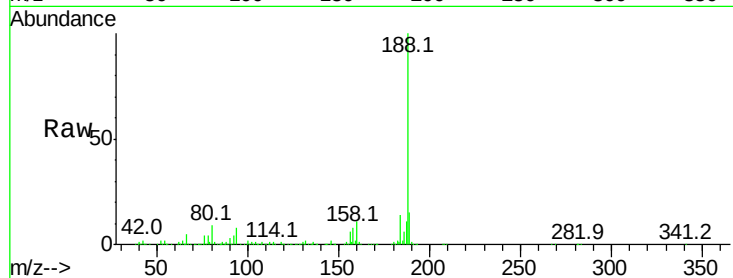
Tot Ion:188 Resp: 1409604

Ion Ratio Lower Upper

188 100

94 8.0 8.7 13.1#

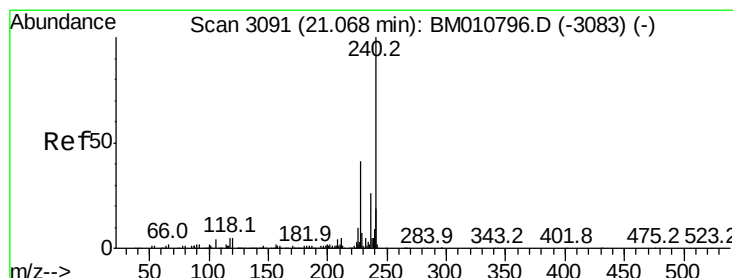
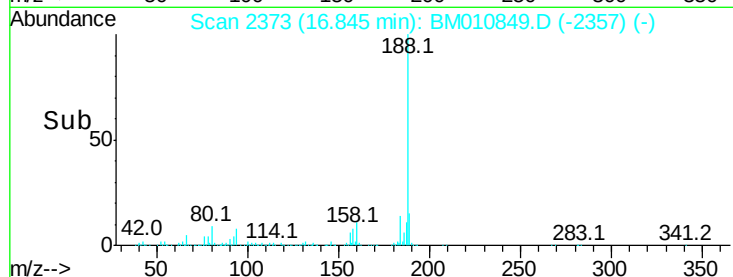
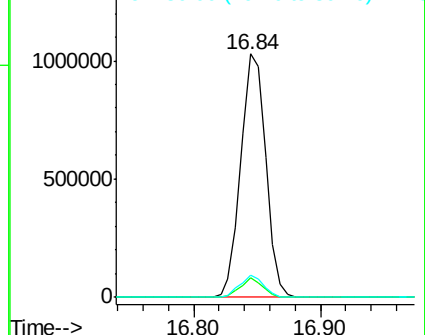
80 8.9 9.3 13.9#



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: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

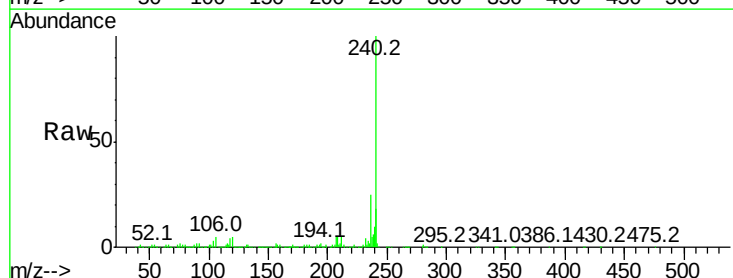
Tgt Ion:240 Resp: 1247814

Ion Ratio Lower Upper

240 100

120 5.1 8.2 12.2#

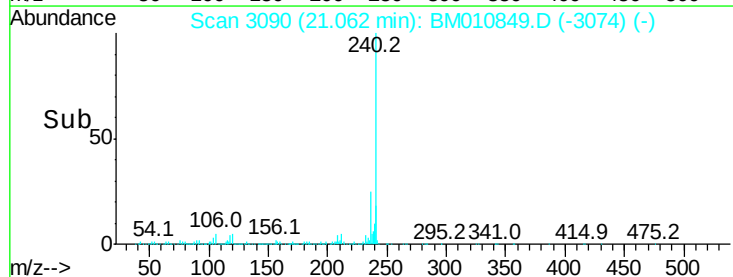
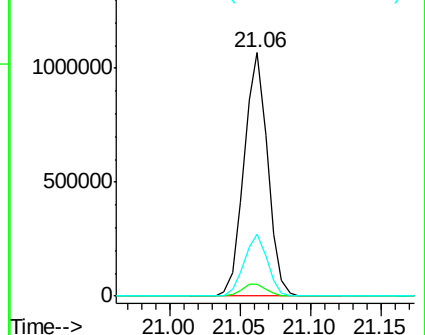
236 25.2 20.0 30.0

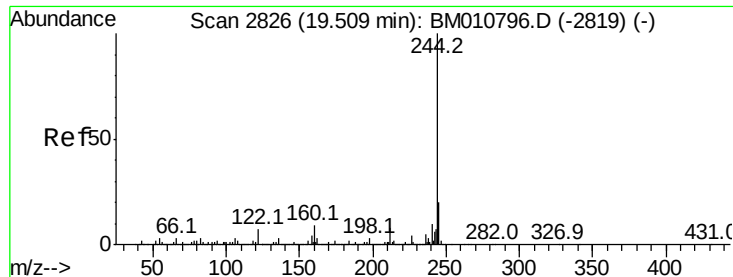


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.984 ng

RT: 19.51 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BM010849.D

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PB100669TB

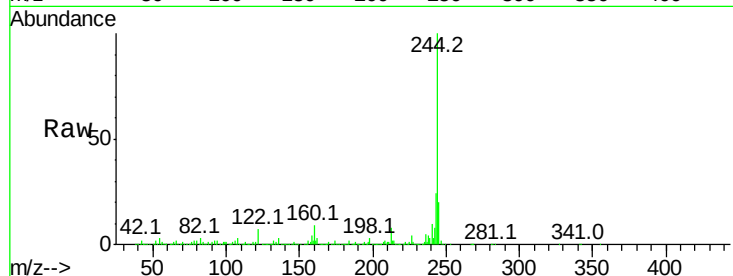
Tot Ion:244 Resp: 5676420

Ion Ratio Lower Upper

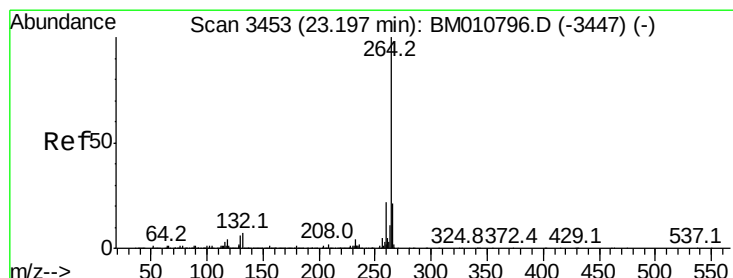
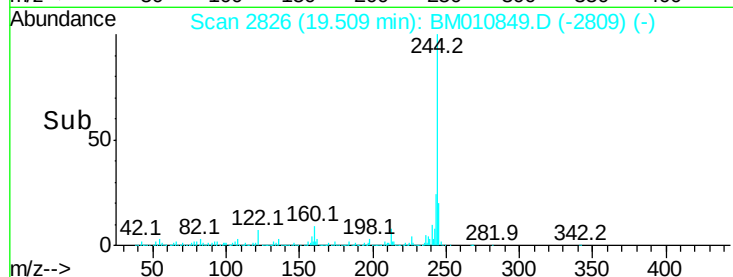
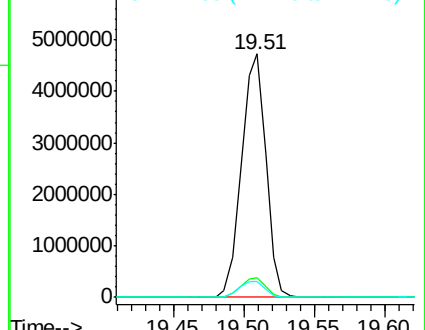
244 100

212 8.3 4.9 7.3#

122 6.7 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: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010849.D

Acq: 17 Jul 2017 23:57

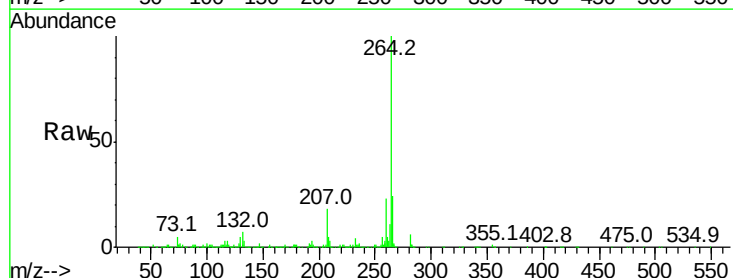
Tgt Ion:264 Resp: 980361

Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 23.8 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

