

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011022.D
 Acq On : 27 Jul 2017 21:59
 Operator : SJ/JU
 Sample : PB101003TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 28 01:07:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	245149	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	923827	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	597388	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1481740	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1128235	20.00	ng	0.00
86) Perylene-d12	23.13	264	571171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1985113	136.88	ng	0.00
7) Phenol-d6	6.59	99	2740675	133.01	ng	0.00
23) Nitrobenzene-d5	8.53	82	2160392	87.77	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1275397	133.20	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	4324015	90.78	ng	0.00
78) Terphenyl-d14	19.47	244	5573570	97.86	ng	0.00

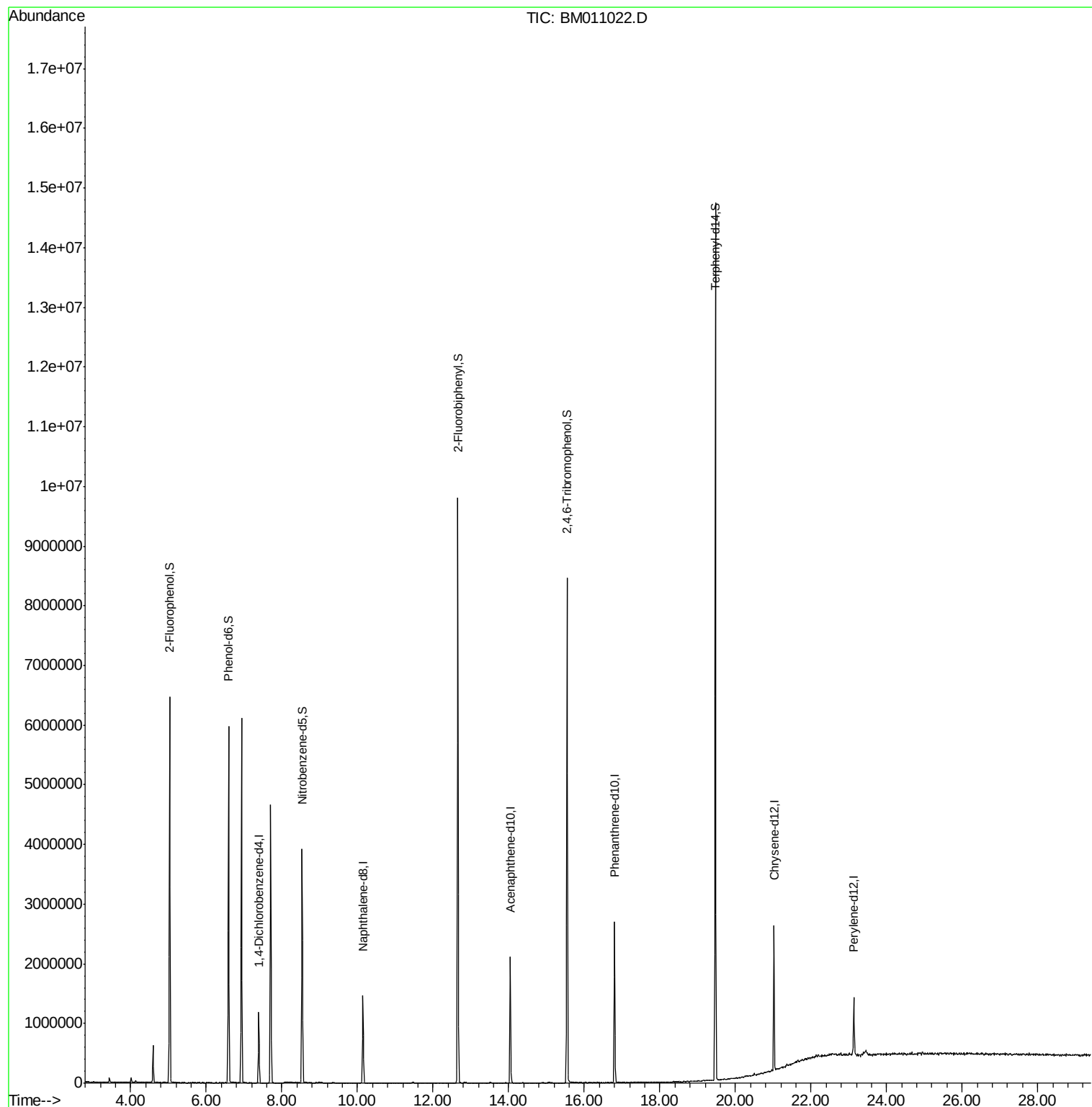
Target Compounds Qvalue

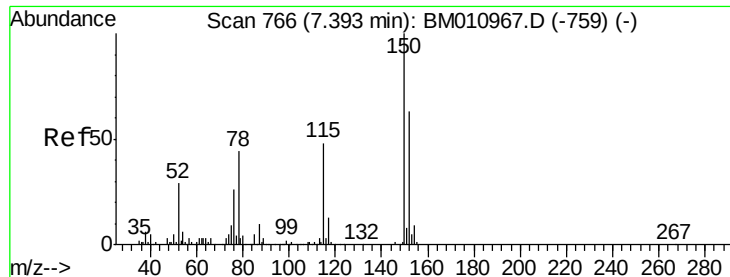
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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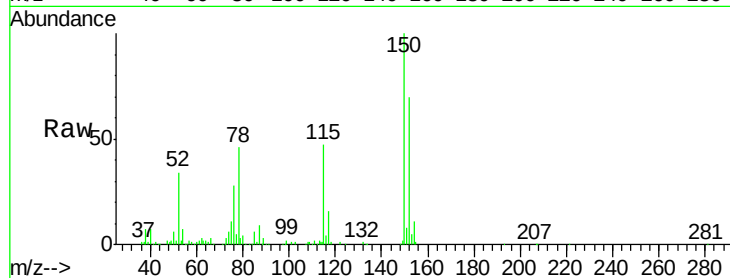


#1

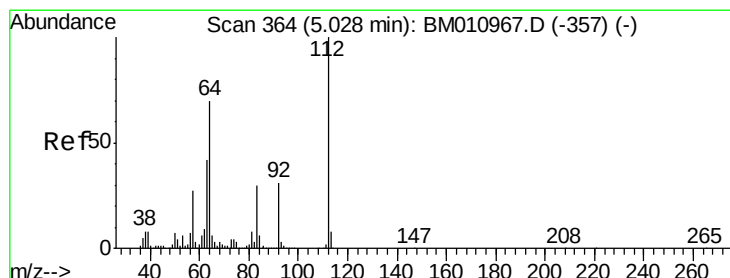
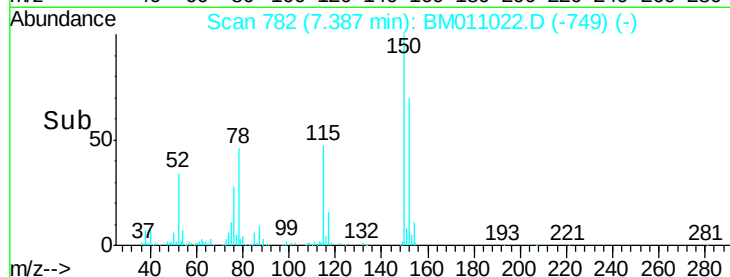
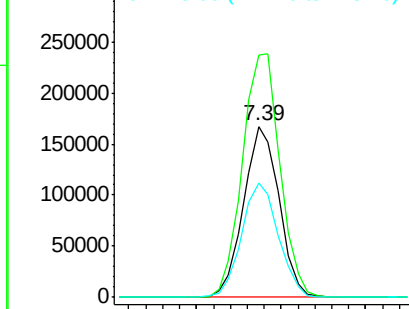
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011022.D
Acq: 27 Jul 2017 21:59

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 245149
Ion Ratio Lower Upper
152 100
150 141.9 119.5 179.3
115 67.0 43.0 64.4#



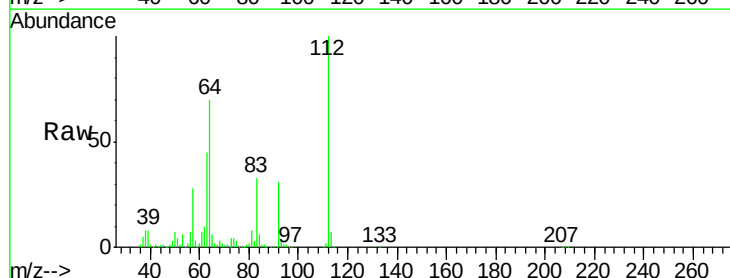
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



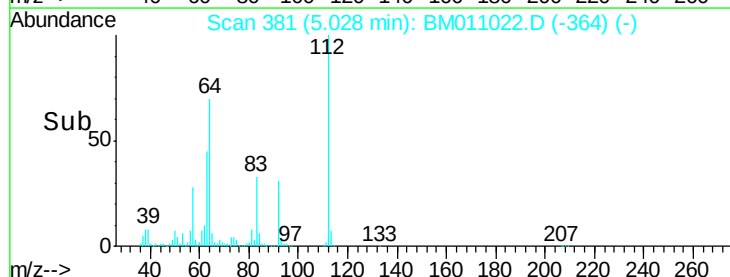
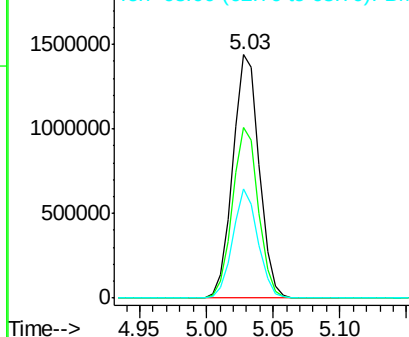
#5

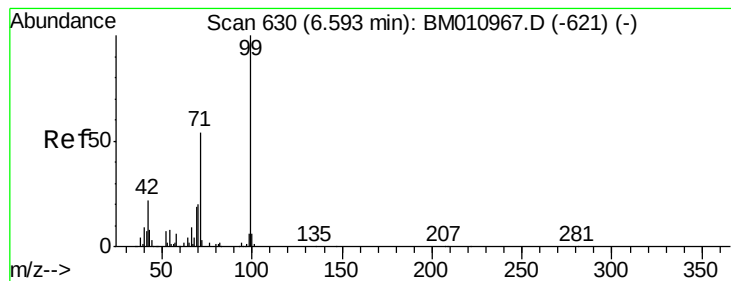
2-Fluorophenol
Concen: 136.88 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011022.D
Acq: 27 Jul 2017 21:59

Tgt Ion:112 Resp: 1985113
Ion Ratio Lower Upper
112 100
64 70.2 38.6 57.8#
63 44.6 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: 133.01 ng

RT: 6.59 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM011022.D

Acq: 27 Jul 2017 21:59

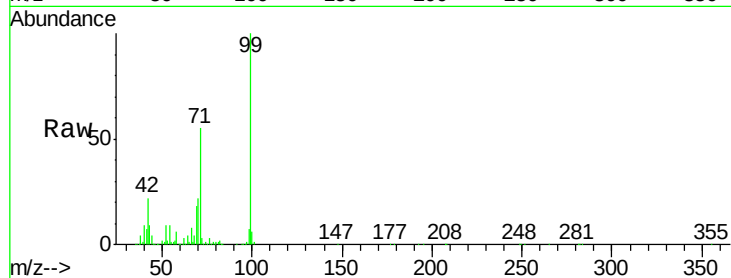
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 2740675

Ion	Ratio	Lower	Upper
99	100		
42	21.7	11.0	16.4#
71	54.8	23.4	35.2#

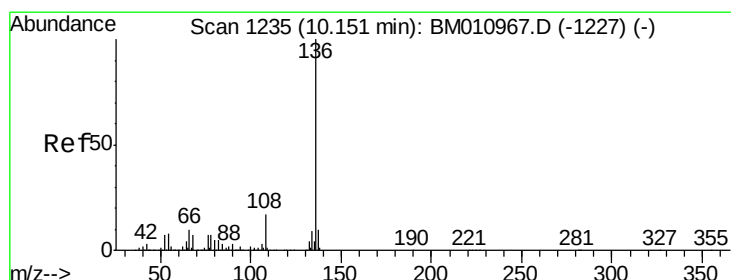
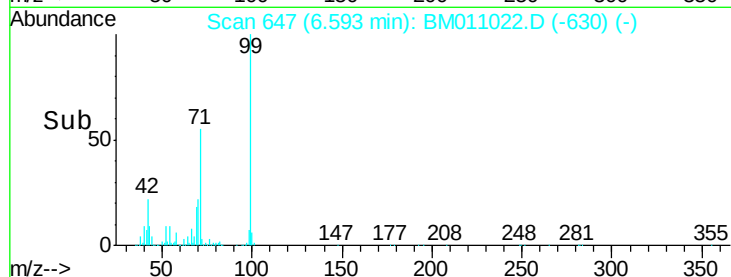
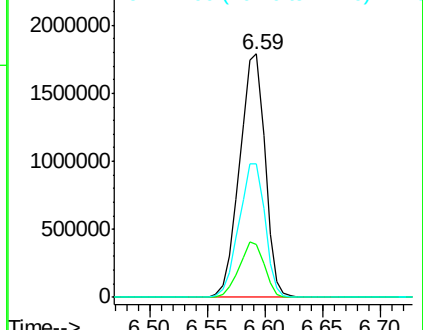


Abundance

Ion 99.00 (98.70 to 99.70): BM011022.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011022.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011022.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.15 min Scan# 1251

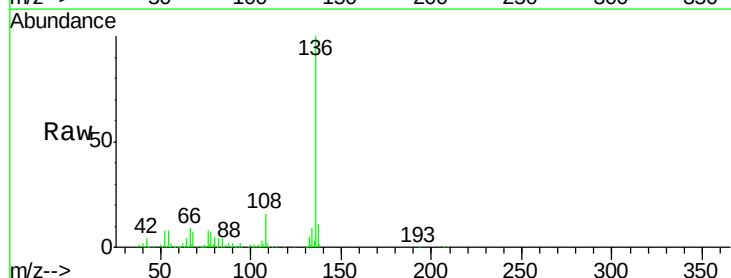
Delta R.T. -0.01 min

Lab File: BM011022.D

Acq: 27 Jul 2017 21:59

Tgt Ion: 136 Resp: 923827

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.9	4.6	6.8#
68	7.2	3.7	5.5#



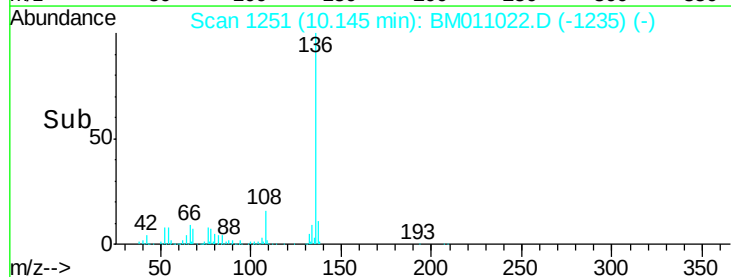
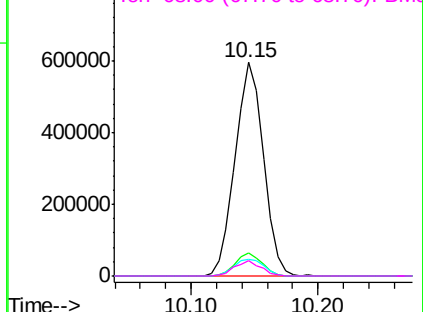
Abundance

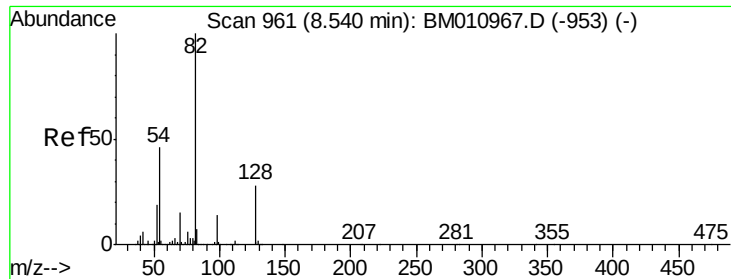
Ion 136.00 (135.70 to 136.70): BM011022.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011022.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011022.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011022.D (-1235) (-)

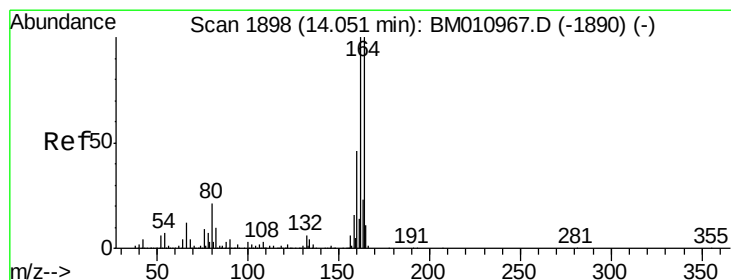
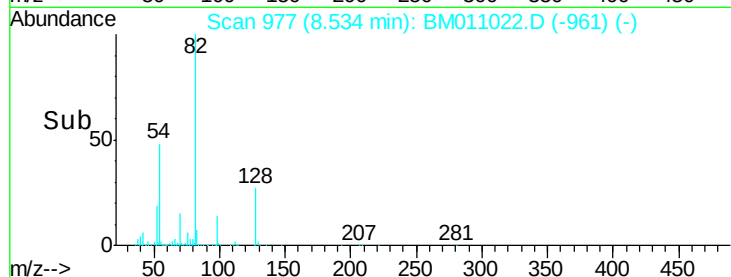
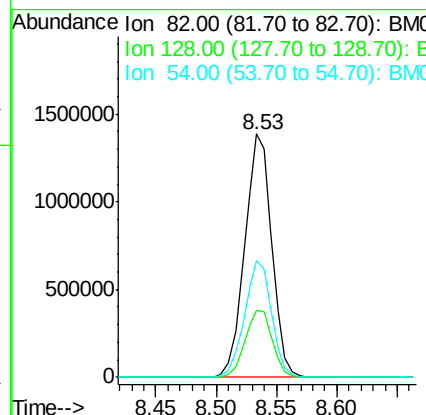
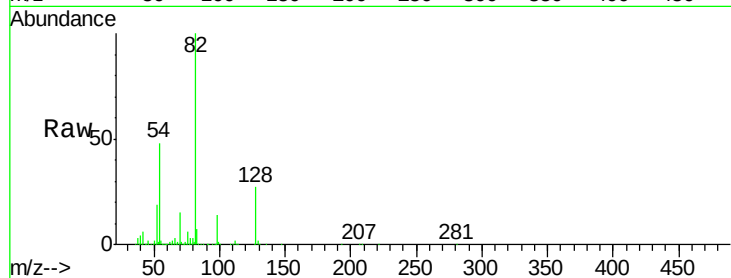




#23
Nitrobenzene-d5
Concen: 87.77 ng
RT: 8.53 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM011022.D
Acq: 27 Jul 2017 21:59

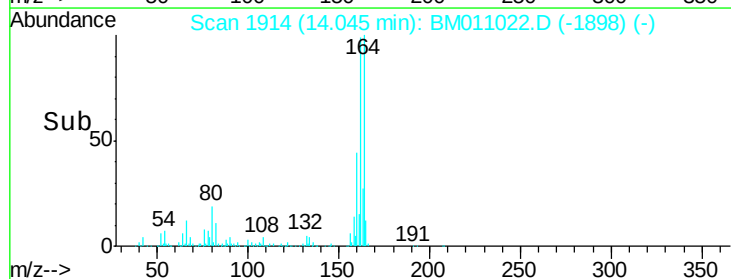
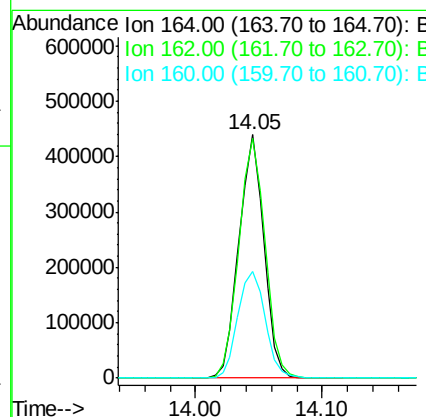
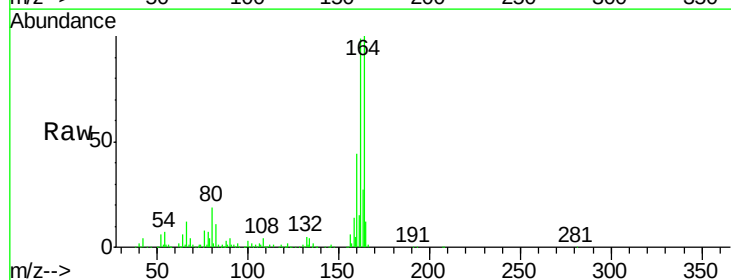
Instrument :
BNA_M
ClientSampleId :

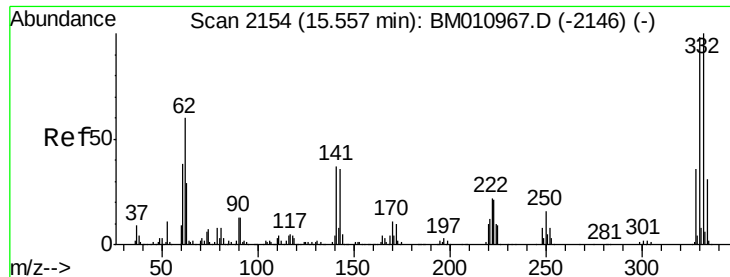
Tot Ion: 82 Resp: 2160392
Ion Ratio Lower Upper
82 100
128 27.5 32.8 49.2#
54 47.8 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.05 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM011022.D
Acq: 27 Jul 2017 21:59

Tgt Ion:164 Resp: 597388
Ion Ratio Lower Upper
164 100
162 98.6 82.4 123.6
160 44.0 35.8 53.6

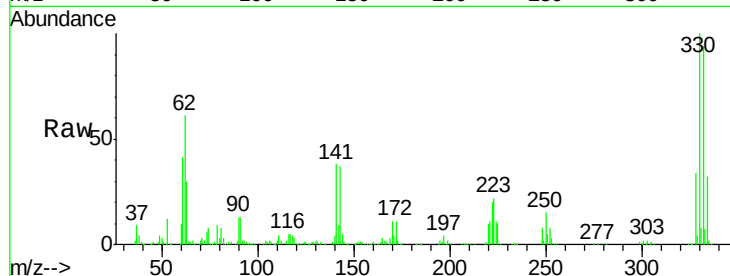




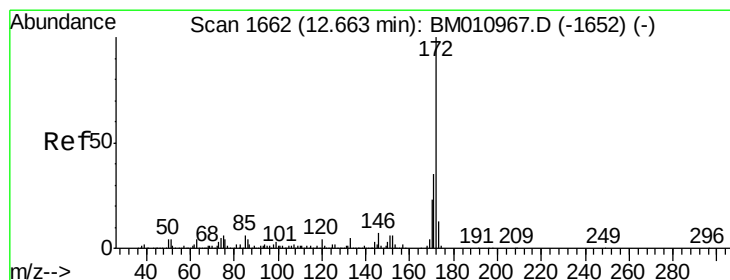
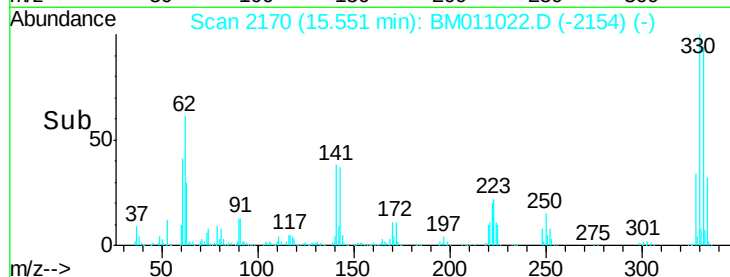
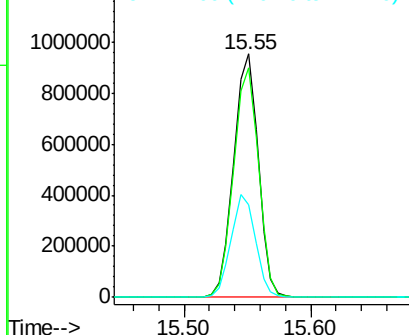
#41
 2,4,6-Tribromophenol
 Concen: 133.20 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM011022.D
 Acq: 27 Jul 2017 21:59

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1275397
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 42.1 0.0 0.0#

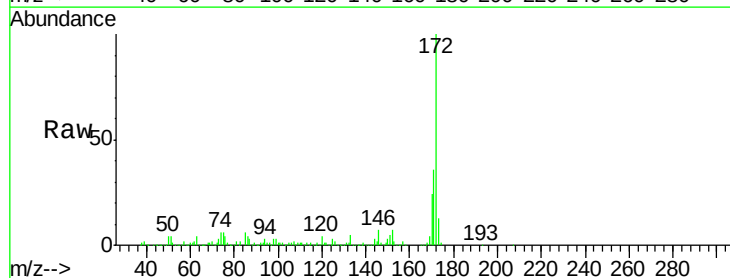


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

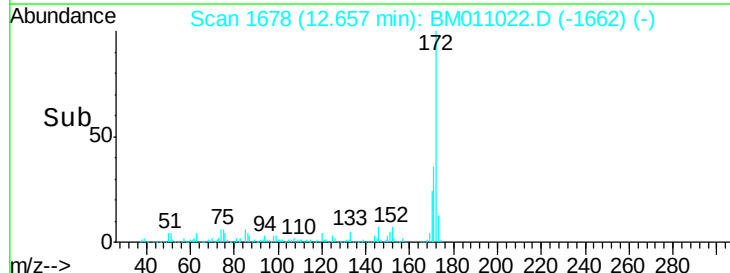
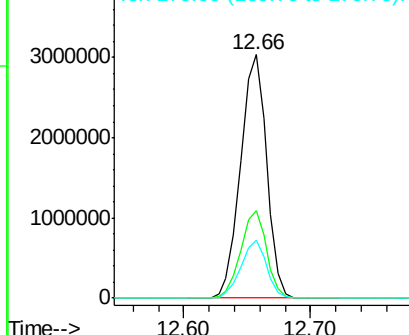


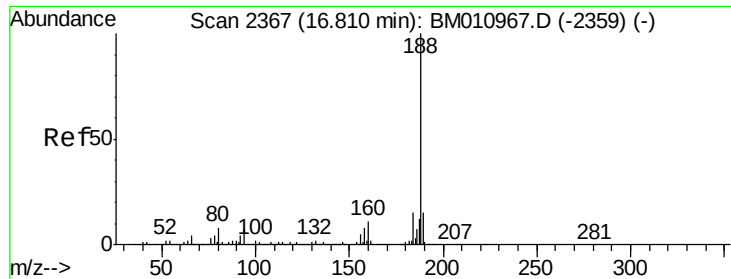
#44
 2-Fluorobiphenyl
 Concen: 90.78 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM011022.D
 Acq: 27 Jul 2017 21:59

Tgt Ion:172 Resp: 4324015
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

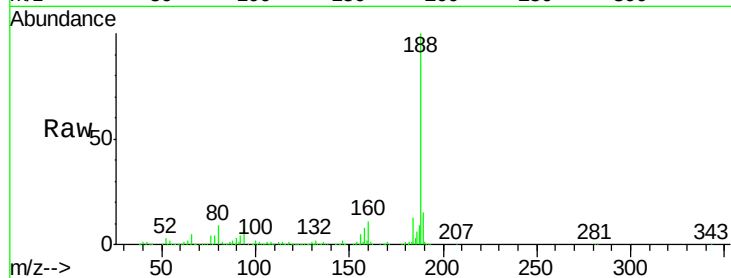




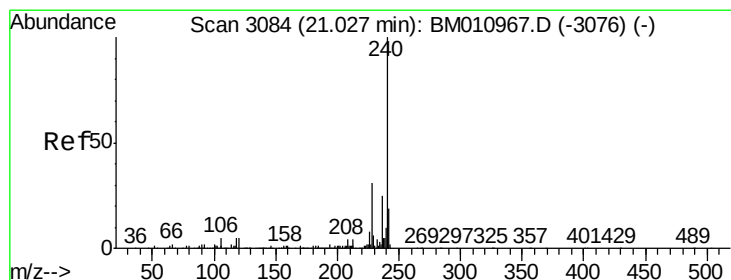
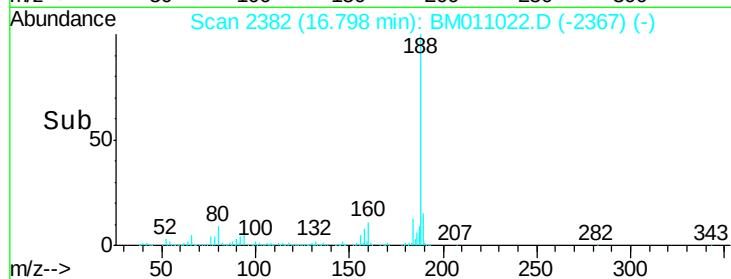
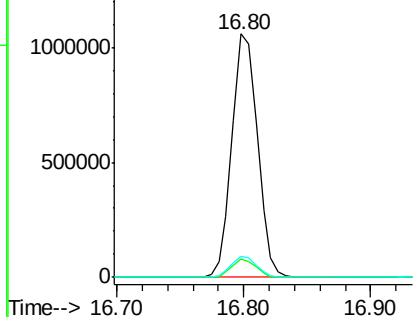
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011022.D
Acq: 27 Jul 2017 21:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 1481740
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 8.6 9.3 13.9#

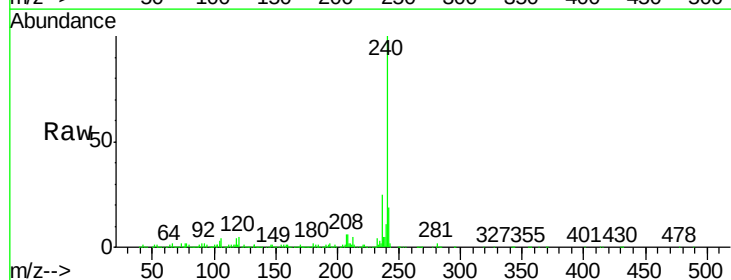


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

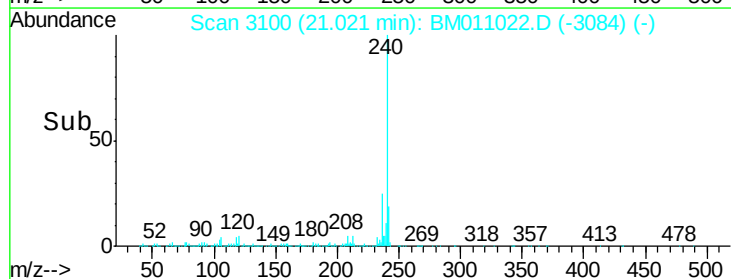
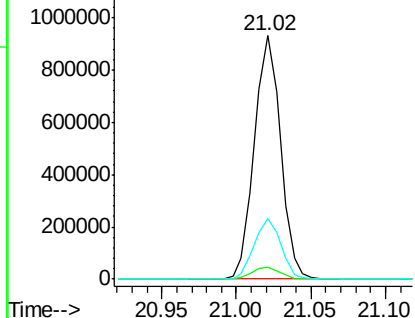


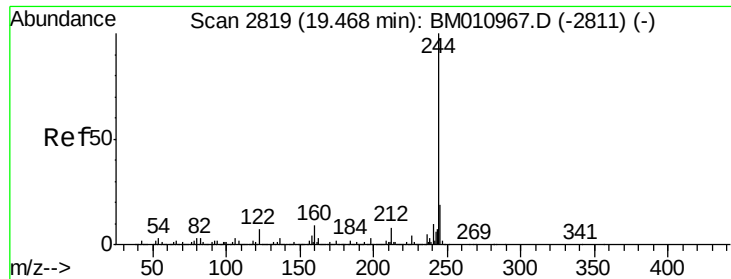
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011022.D
Acq: 27 Jul 2017 21:59

Tgt Ion:240 Resp: 1128235
Ion Ratio Lower Upper
240 100
120 5.1 8.2 12.2#
236 24.9 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: 97.86 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM011022.D

Acq: 27 Jul 2017 21:59

Instrument :

BNA_M

ClientSampleId :

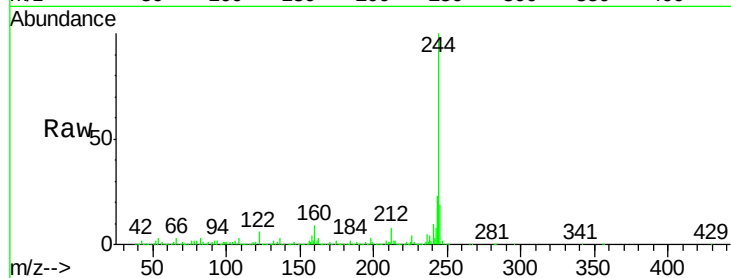
Tot Ion:244 Resp: 5573570

Ion Ratio Lower Upper

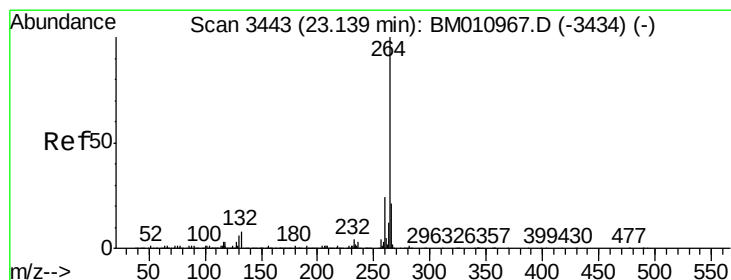
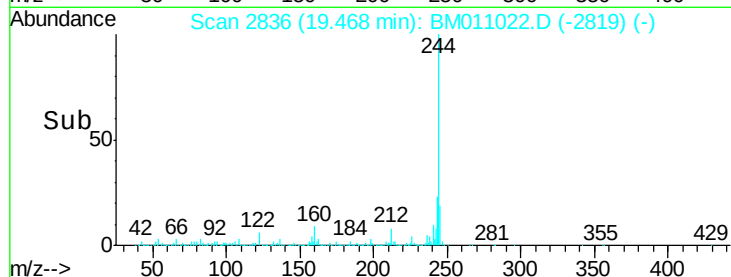
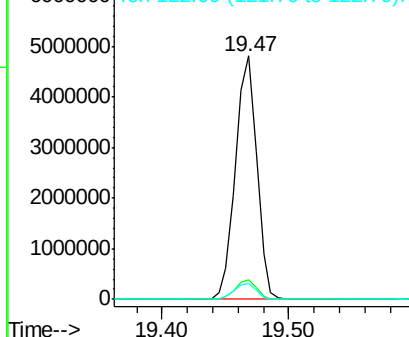
244 100

212 8.2 4.9 7.3#

122 6.3 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: 20.00 ng

RT: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM011022.D

Acq: 27 Jul 2017 21:59

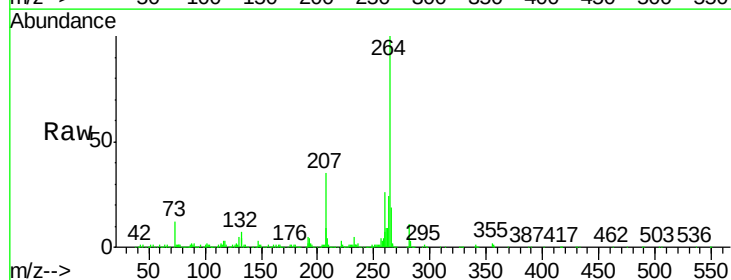
Tgt Ion:264 Resp: 571171

Ion Ratio Lower Upper

264 100

260 25.6 18.6 27.8

265 19.1 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

