

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090217\
 Data File : BM011421.D
 Acq On : 02 Sep 2017 18:31
 Operator : SJ/JU
 Sample : I5050-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT4651-1540

Quant Time: Sep 04 03:02:39 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	7.99	152	198157	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	795833	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	433526	20.00	ng	-0.01
63) Phenanthrene-d10	17.35	188	1114755	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	1747833	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1795506	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1627544	138.25	ng	0.00
7) Phenol-d6	7.13	99	1948668	119.38	ng	0.00
23) Nitrobenzene-d5	9.15	82	1184070	98.05	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	724849	144.52	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	2892947	96.19	ng	-0.01
78) Terphenyl-d14	19.96	244	5739029	81.47	ng	-0.01

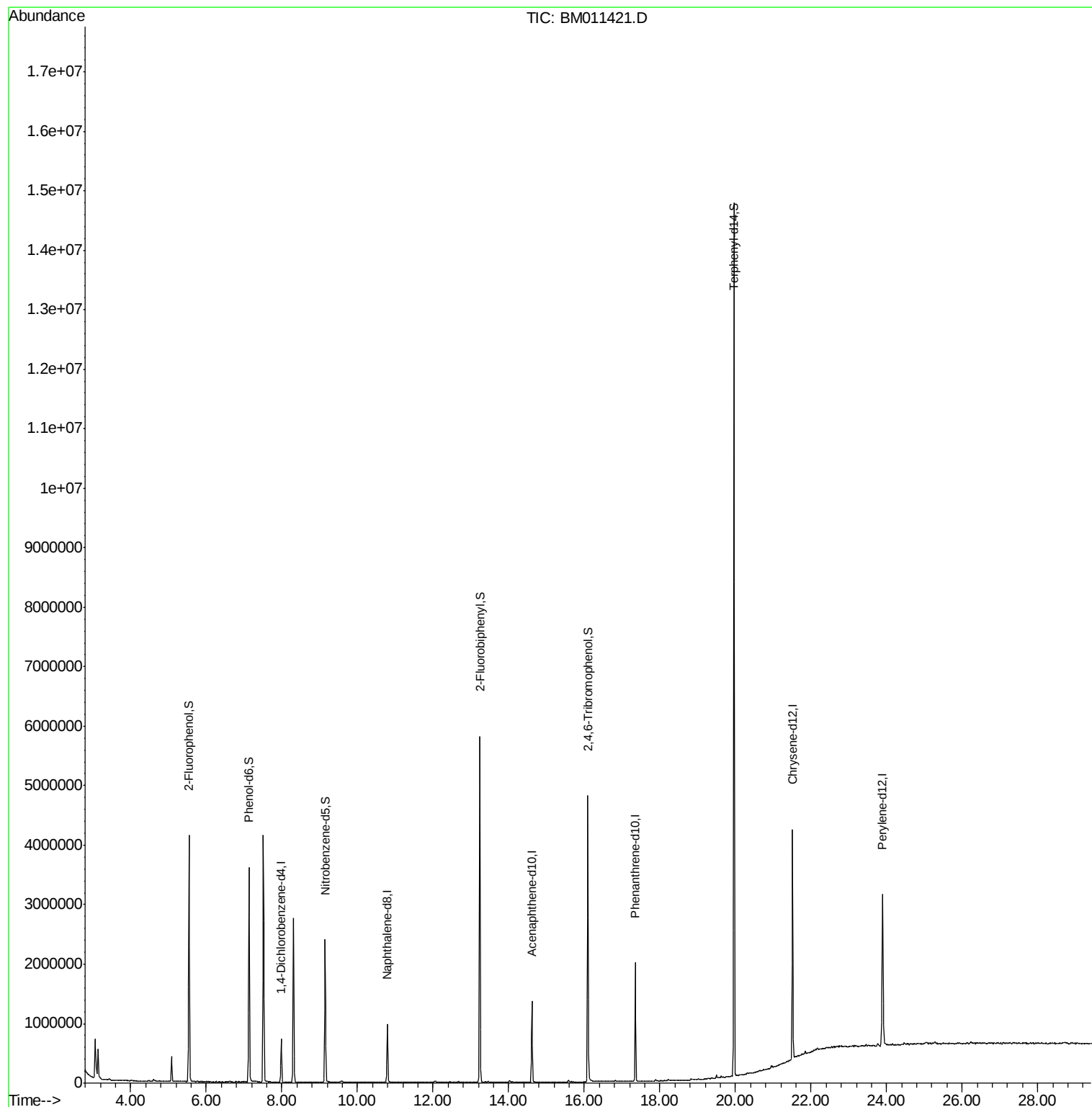
Target Compounds Qvalue

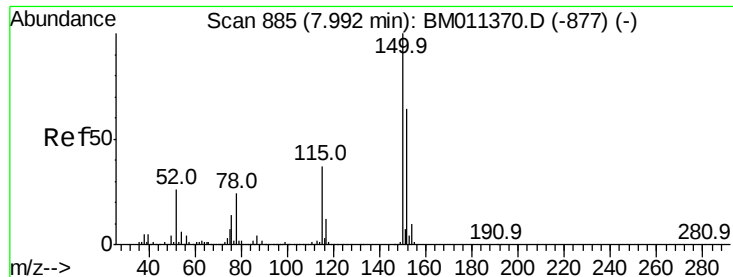
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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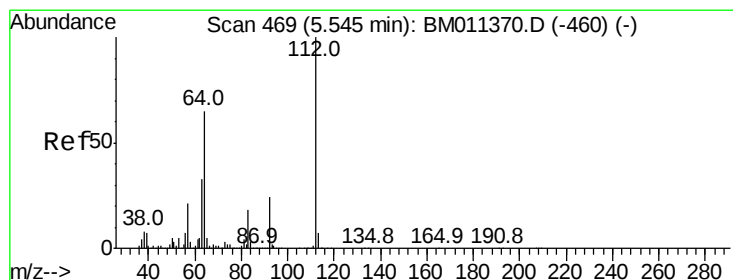
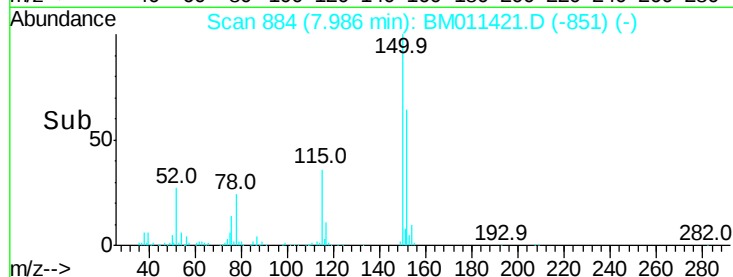
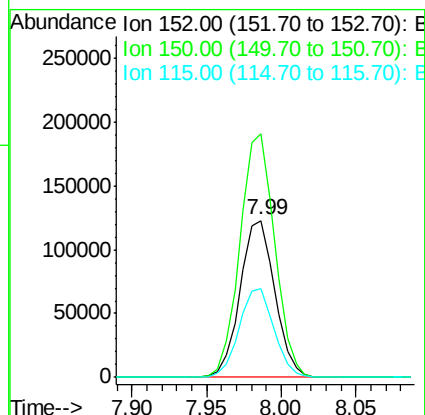
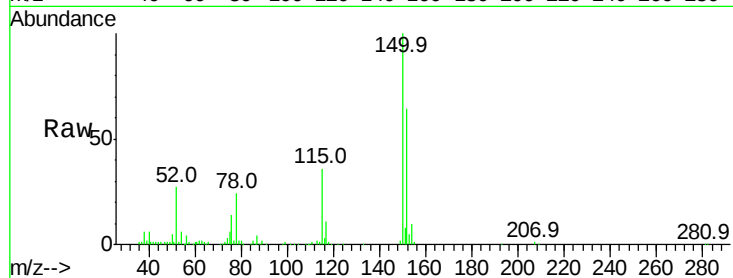


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011421.D
Acq: 02 Sep 2017 18:31

Instrument :
BNA_M
ClientSampleId :
RT4651-1540

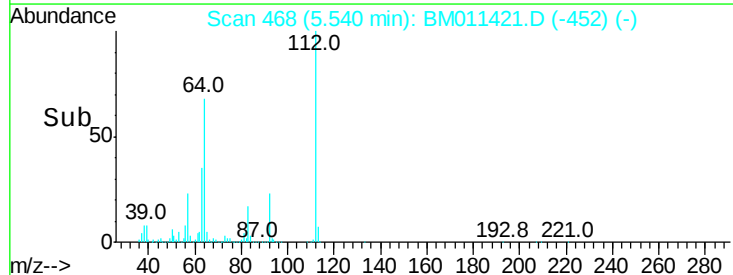
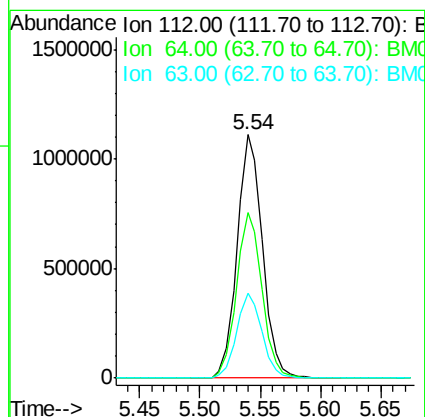
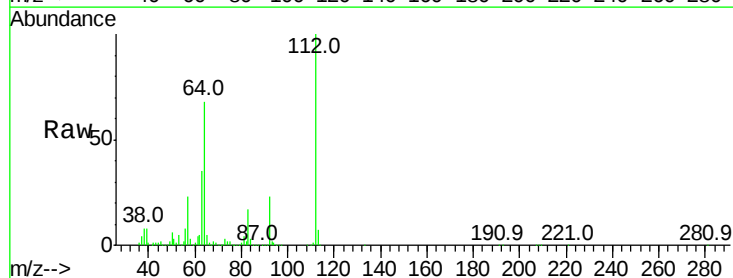
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	119.5	179.3
115	56.4	43.0	64.4

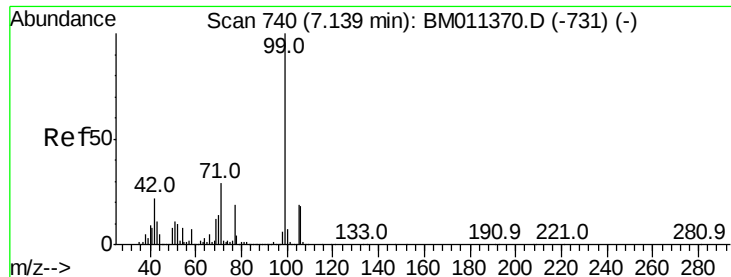


#5

2-Fluorophenol
Concen: 138.254 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011421.D
Acq: 02 Sep 2017 18:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	38.6	57.8#
63	34.9	19.3	28.9#





#7

Phenol-d6

Concen: 119.379 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011421.D

Acq: 02 Sep 2017 18:31

Instrument :

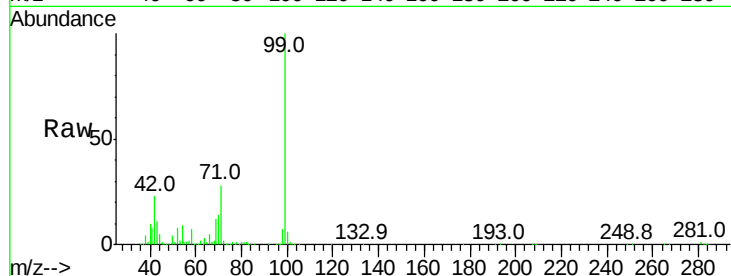
BNA_M

ClientSampleId :

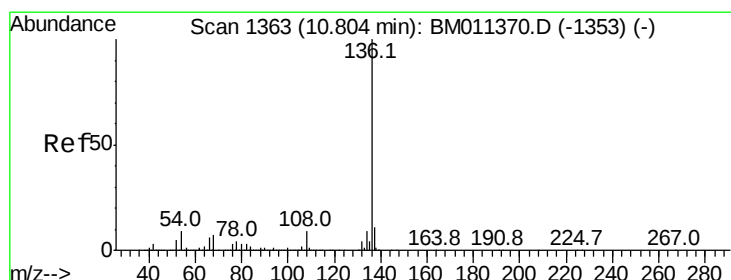
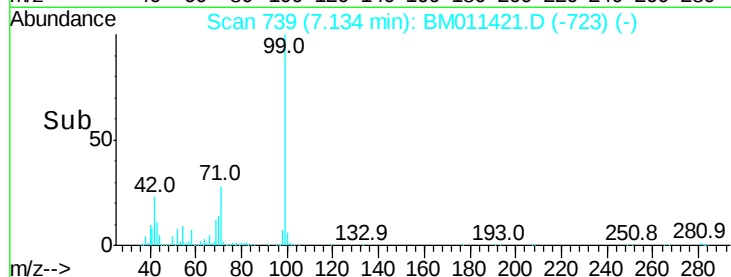
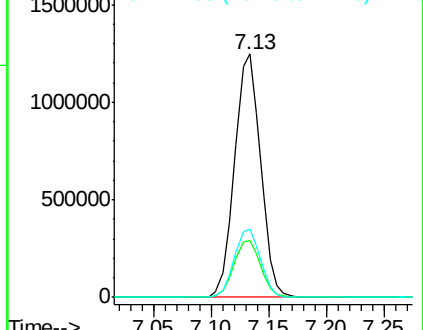
RT4651-1540

Tot Ion: 99 Resp: 1948668

Ion	Ratio	Lower	Upper
99	100		
42	23.1	11.0	16.4#
71	28.1	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# 1361

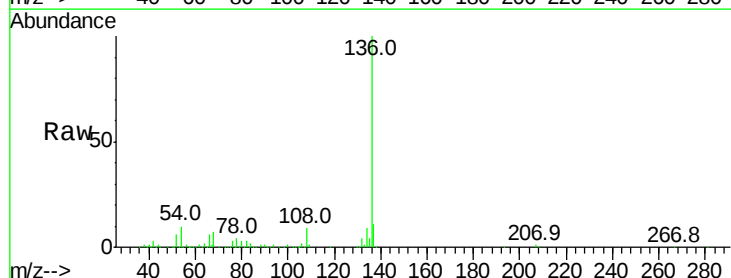
Delta R.T. -0.01 min

Lab File: BM011421.D

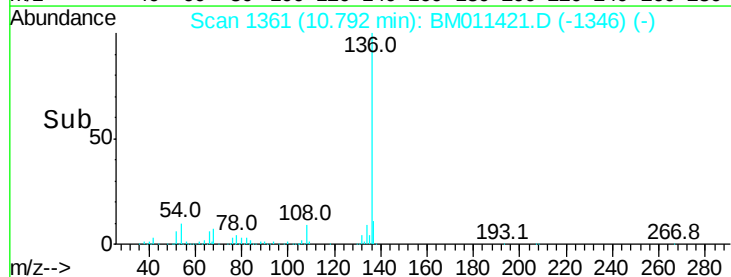
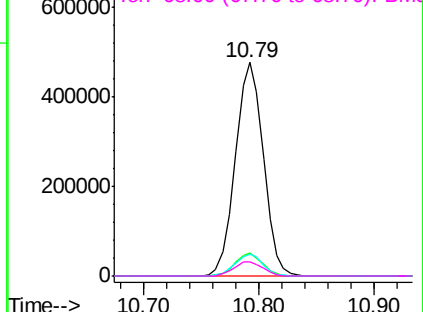
Acq: 02 Sep 2017 18:31

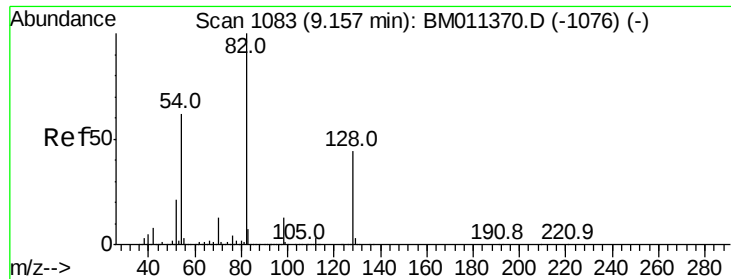
Tgt Ion: 136 Resp: 795833

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.2	4.6	6.8#
68	6.8	3.7	5.5#



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

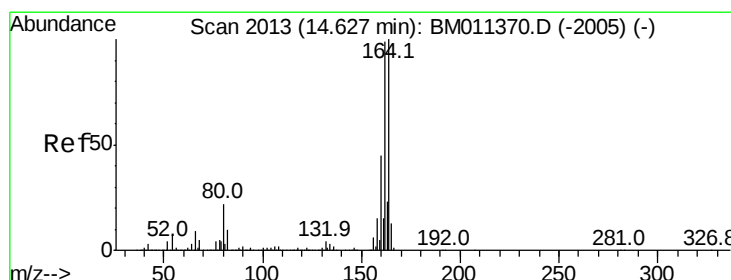
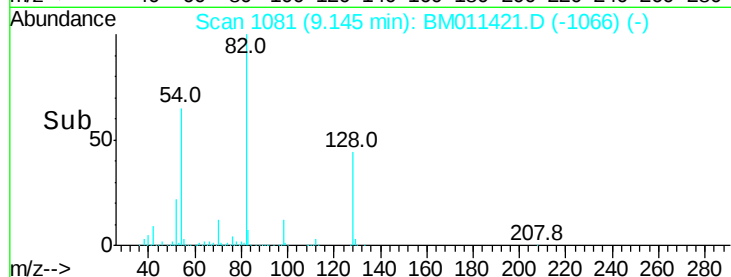
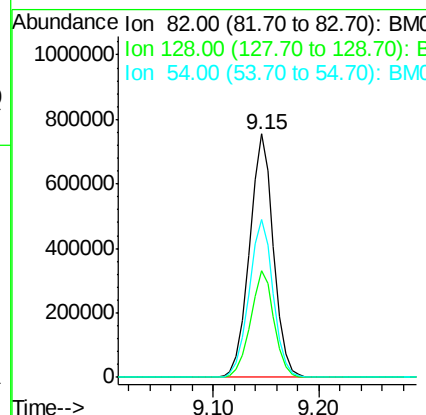
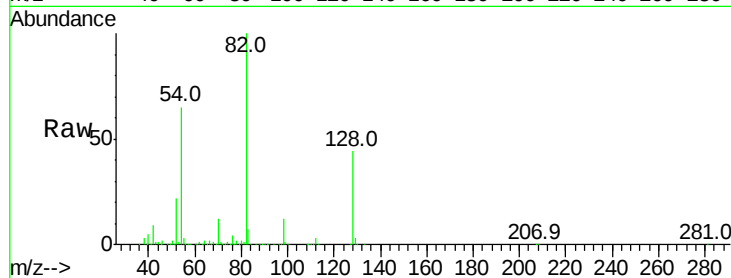




#23
 Nitrobenzene-d5
 Concen: 98.046 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011421.D
 Acq: 02 Sep 2017 18:31

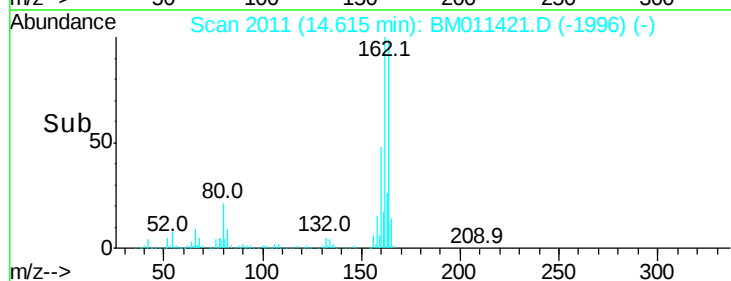
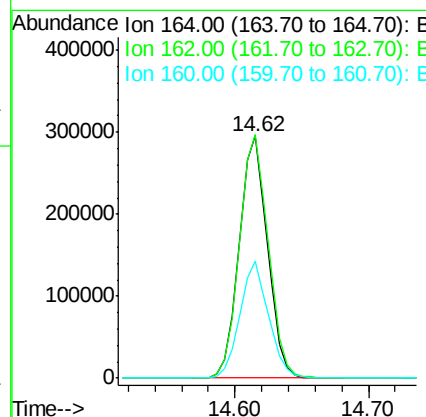
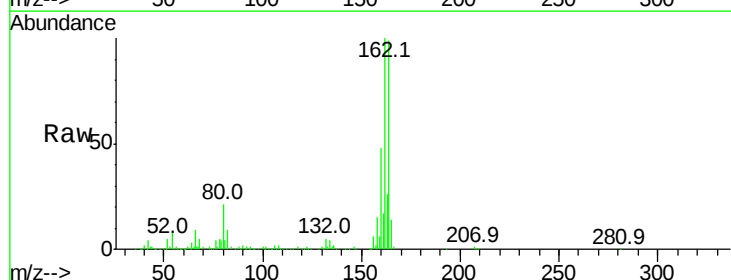
Instrument :
 BNA_M
 ClientSampleId :
 RT4651-1540

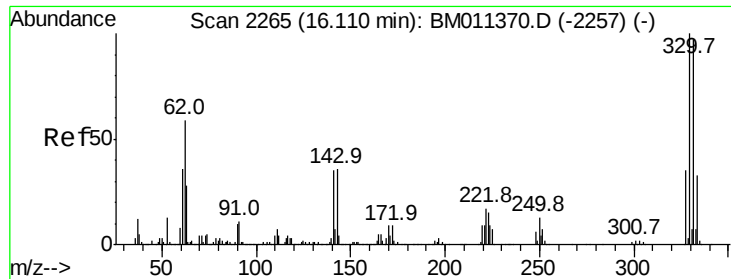
Tot Ion: 82 Resp: 1184070
 Ion Ratio Lower Upper
 82 100
 128 44.0 32.8 49.2
 54 64.9 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BM011421.D
 Acq: 02 Sep 2017 18:31

Tgt Ion: 164 Resp: 433526
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.4 123.6
 160 48.2 35.8 53.6

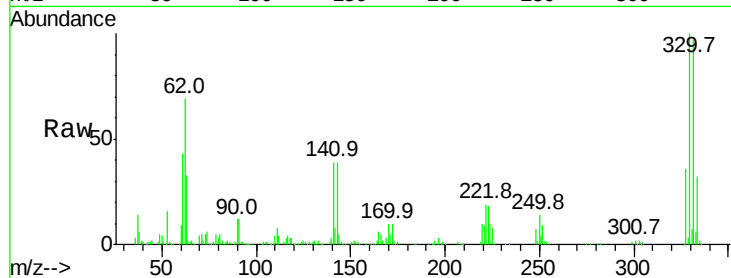




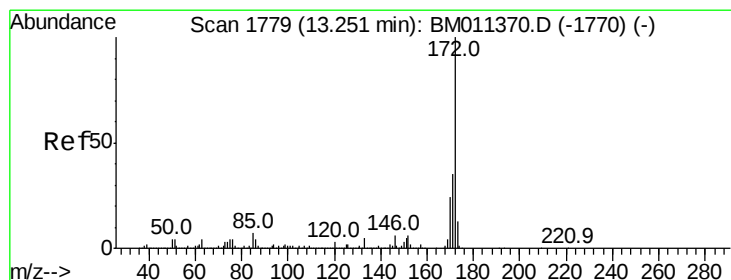
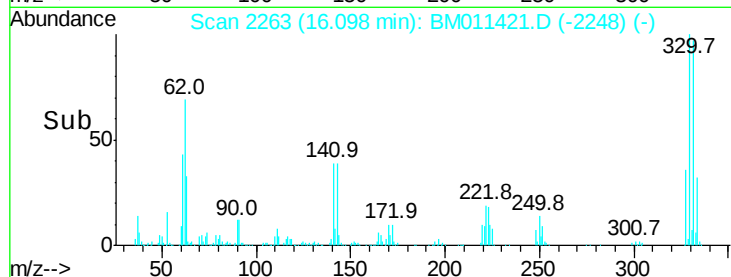
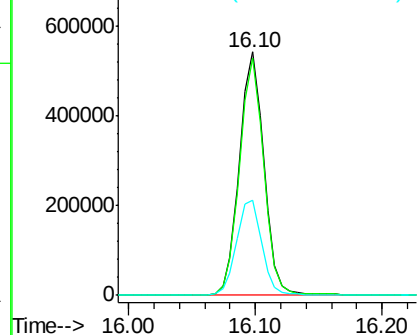
#41
 2,4,6-Tribromophenol
 Concen: 144.516 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011421.D
 Acq: 02 Sep 2017 18:31

Instrument :
 BNA_M
 ClientSampleId :
 RT4651-1540

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	40.9	0.0	0.0#

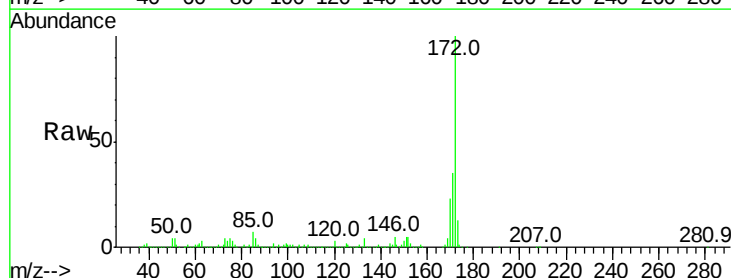


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

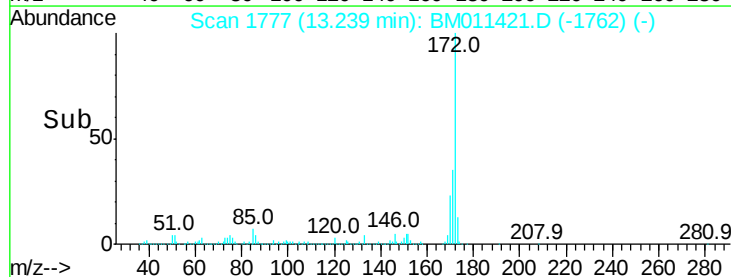
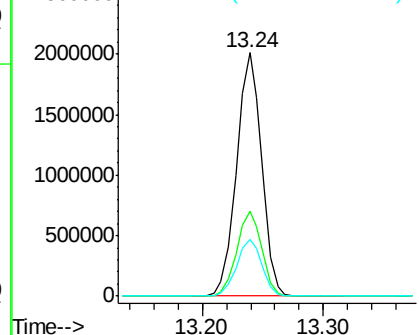


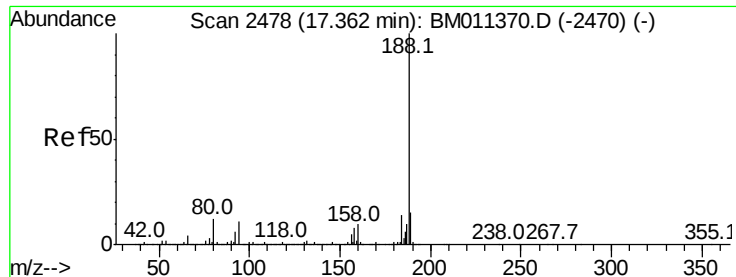
#44
 2-Fluorobiphenyl
 Concen: 96.191 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011421.D
 Acq: 02 Sep 2017 18:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.4	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

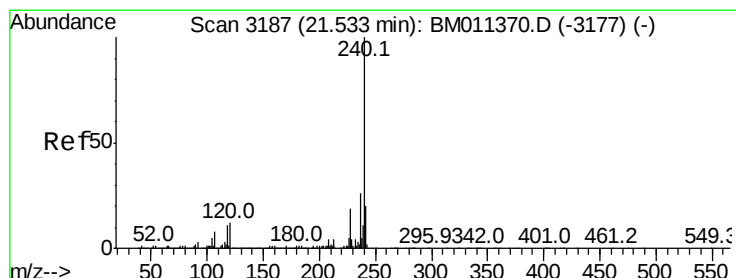
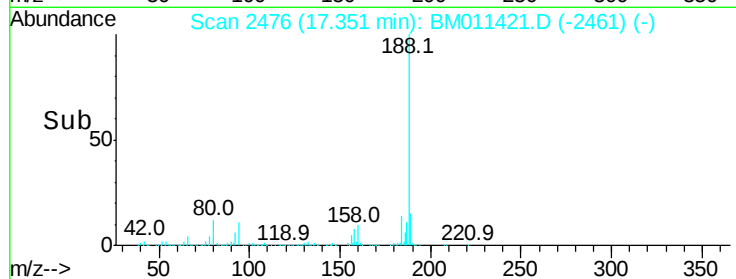
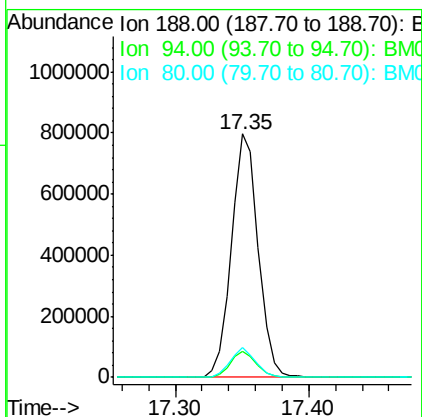
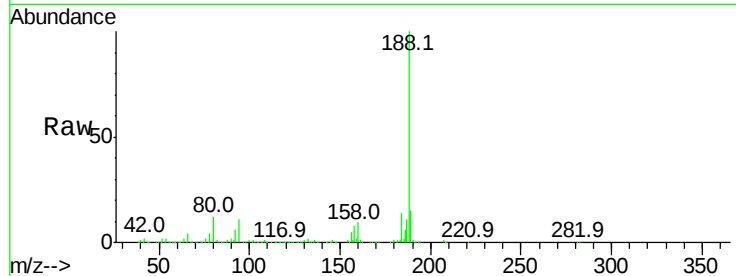




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011421.D
Acq: 02 Sep 2017 18:31

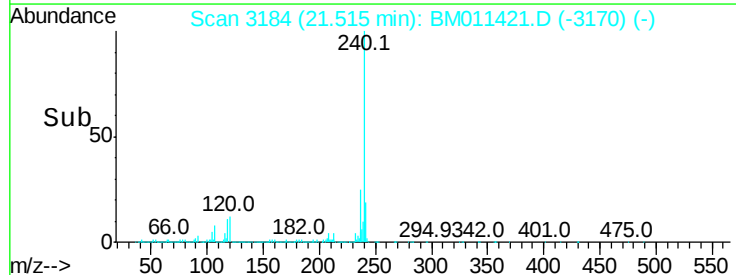
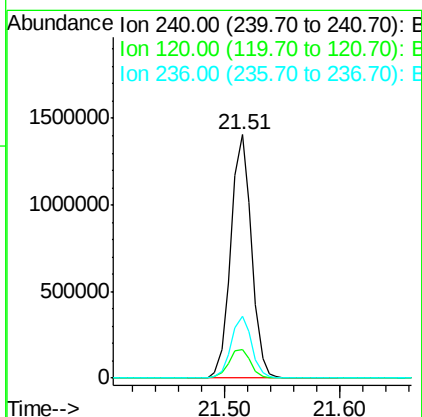
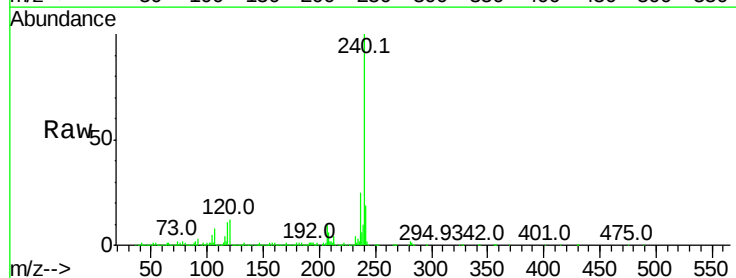
Instrument :
BNA_M
ClientSampleId :
RT4651-1540

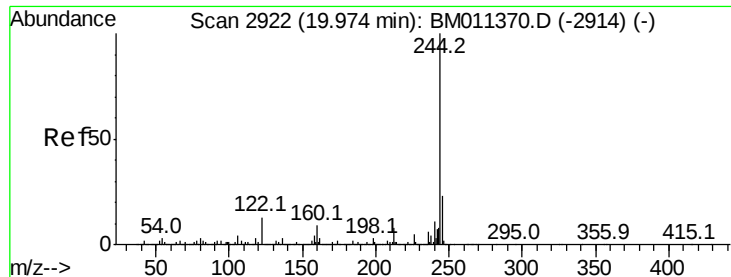
Tot Ion:188 Resp: 1114755
Ion Ratio Lower Upper
188 100
94 10.9 8.7 13.1
80 12.0 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011421.D
Acq: 02 Sep 2017 18:31

Tgt Ion:240 Resp: 1747833
Ion Ratio Lower Upper
240 100
120 11.9 8.2 12.2
236 25.3 20.0 30.0





#78

Terphenyl-d14

Concen: 81.471 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011421.D

Acq: 02 Sep 2017 18:31

Instrument :

BNA_M

ClientSampleId :

RT4651-1540

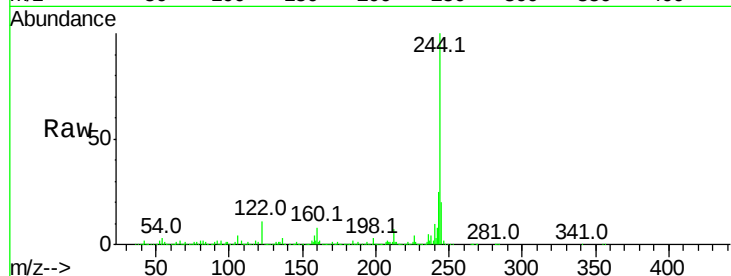
Tot Ion:244 Resp: 5739029

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	11.3	6.2	9.4#

244 100

212 7.4 4.9 7.3#

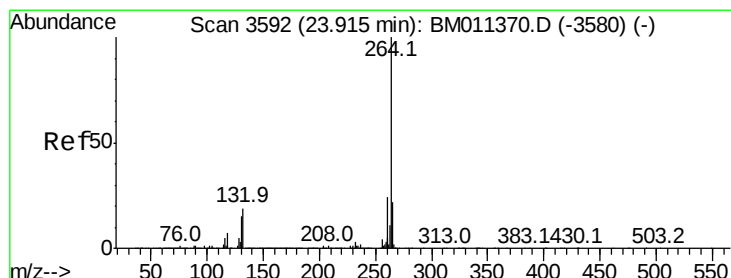
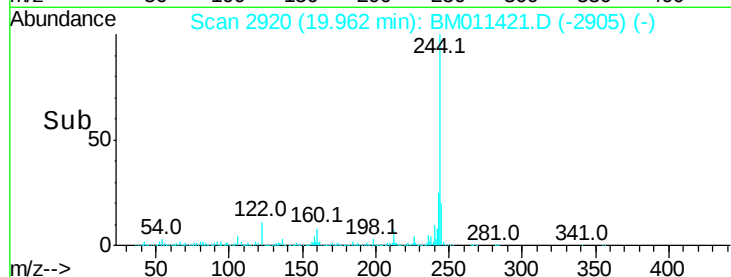
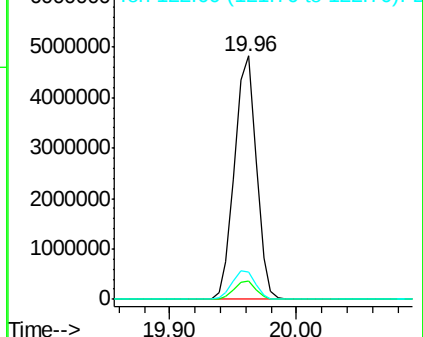
122 11.3 6.2 9.4#



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: 20.000 ng

RT: 23.89 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BM011421.D

Acq: 02 Sep 2017 18:31

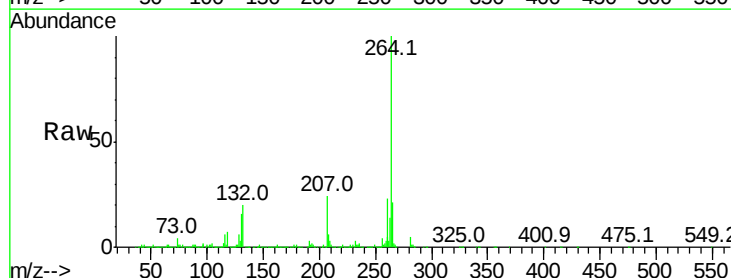
Tgt Ion:264 Resp: 1795506

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.4	17.3	25.9

264 100

260 23.2 18.6 27.8

265 21.4 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

