

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011041.D
 Acq On : 28 Jul 2017 14:24
 Operator : SJ/JU
 Sample : I4471-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2-FB-7-26-17

Quant Time: Jul 28 23:33:14 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	148012	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	523073	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	346347	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	822951	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	768254	20.00	ng	0.00
86) Perylene-d12	23.13	264	732638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	513539	58.65	ng	0.00
7) Phenol-d6	6.58	99	421211	33.86	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1337026	95.93	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	698149	125.77	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2409733	87.26	ng	-0.01
78) Terphenyl-d14	19.46	244	3371010	86.92	ng	0.00

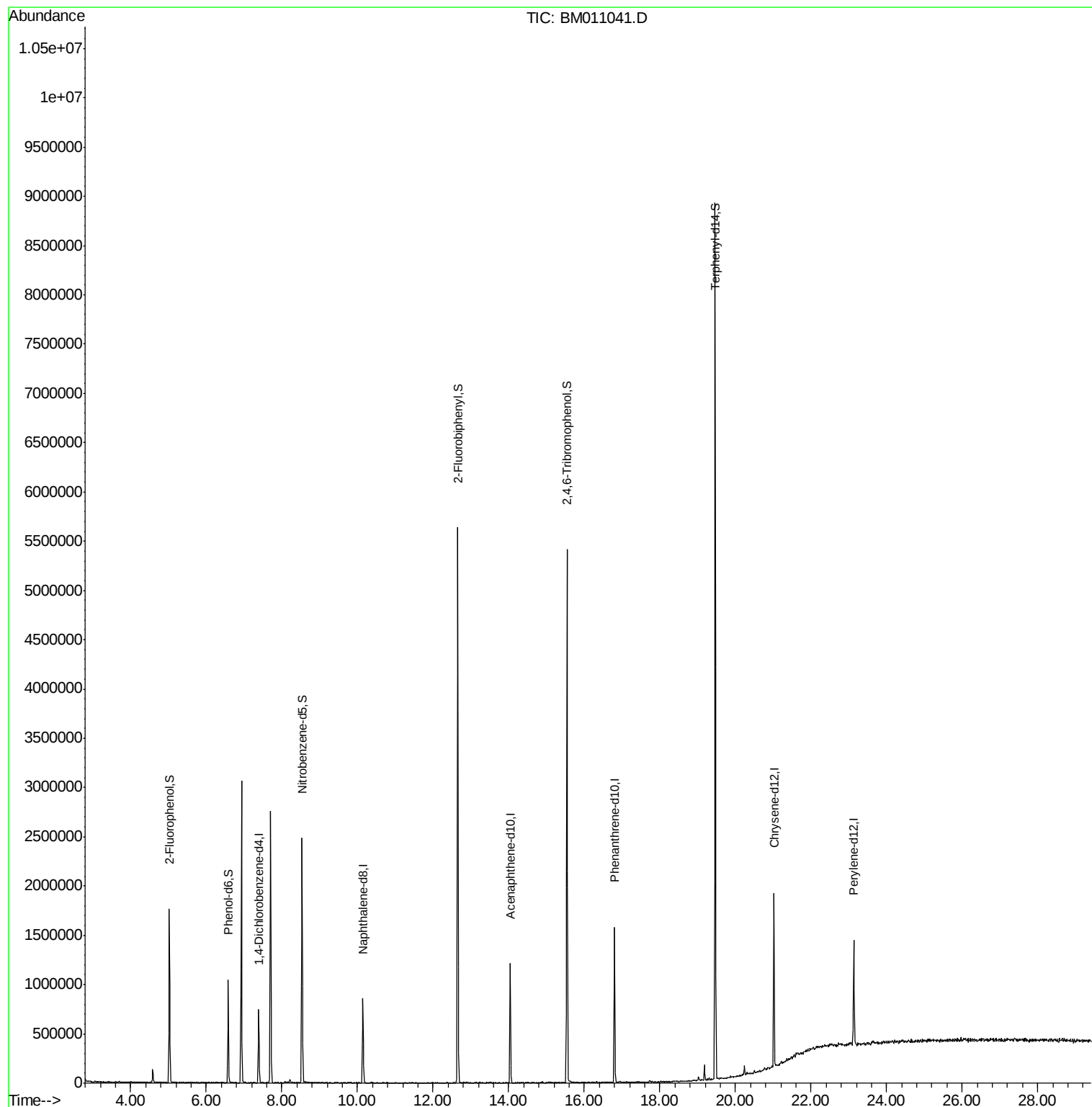
Target Compounds Qvalue

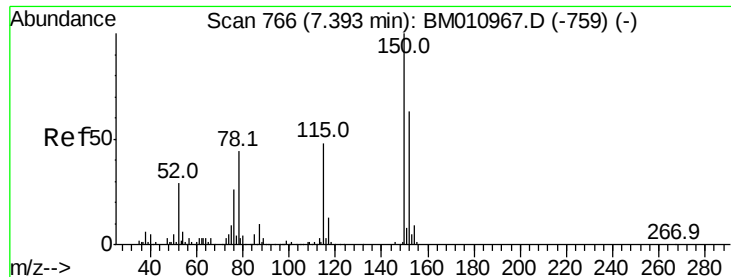
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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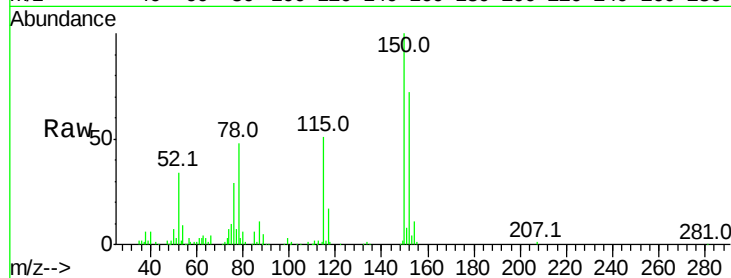


#1

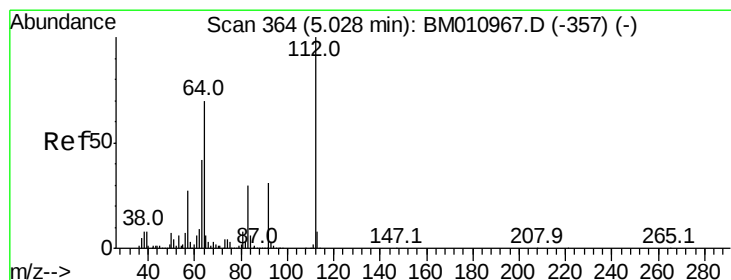
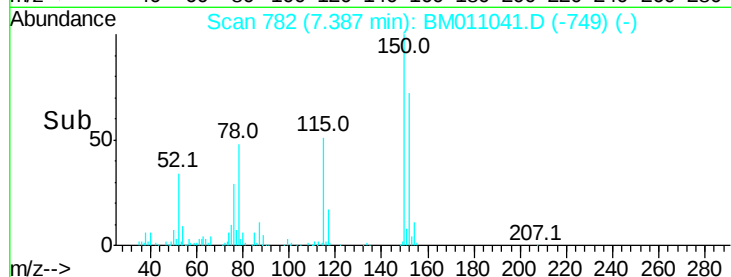
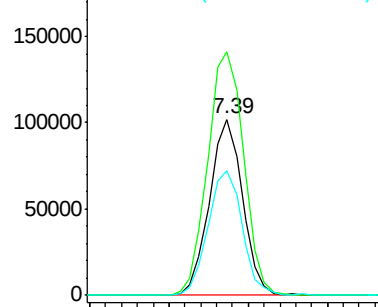
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011041.D
Acq: 28 Jul 2017 14:24

Instrument :
BNA_M
ClientSampleId :
E2-FB-7-26-17

Tot Ion:152 Resp: 148012
Ion Ratio Lower Upper
152 100
150 138.2 119.5 179.3
115 70.4 43.0 64.4#



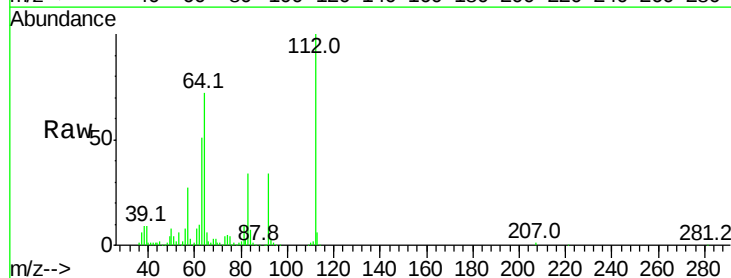
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



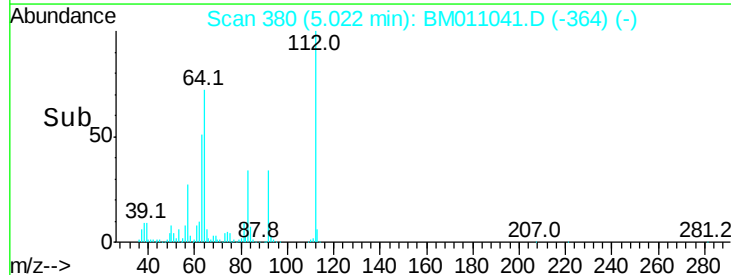
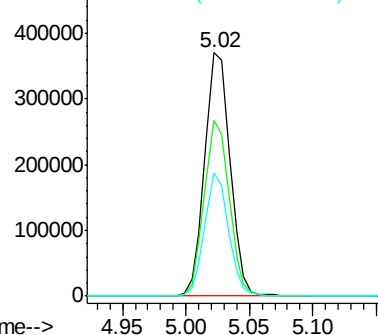
#5

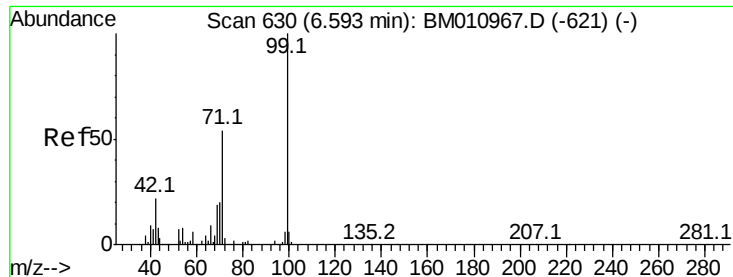
2-Fluorophenol
Concen: 58.651 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.00 min
Lab File: BM011041.D
Acq: 28 Jul 2017 14:24

Tgt Ion:112 Resp: 513539
Ion Ratio Lower Upper
112 100
64 72.4 38.6 57.8#
63 50.6 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: 33.858 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011041.D

Acq: 28 Jul 2017 14:24

Instrument :

BNA_M

ClientSampleId :

E2-FB-7-26-17

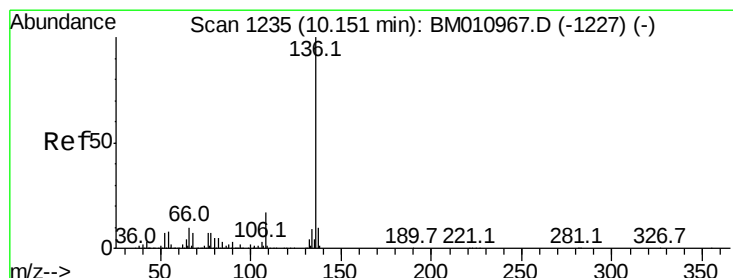
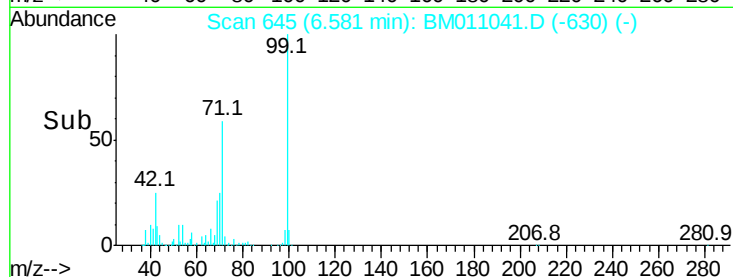
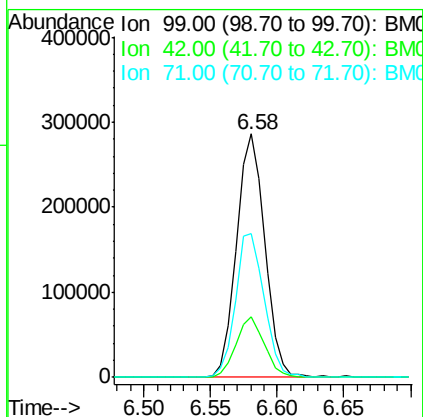
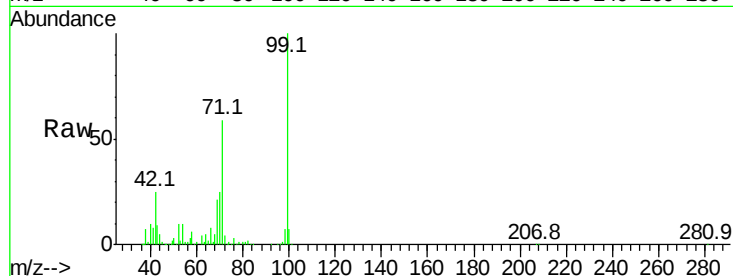
Tot Ion: 99 Resp: 421211

Ion Ratio Lower Upper

99 100

42 24.8 11.0 16.4#

71 59.0 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011041.D

Acq: 28 Jul 2017 14:24

Tgt Ion: 136 Resp: 523073

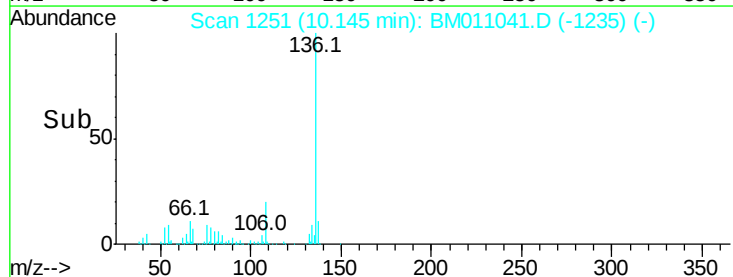
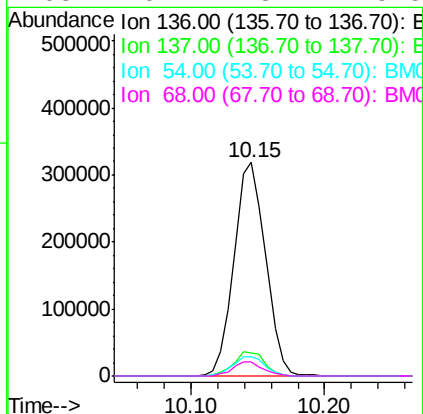
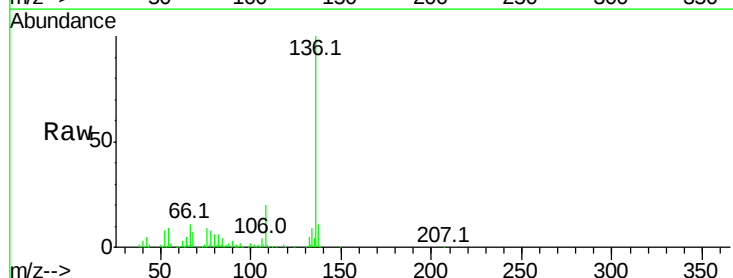
Ion Ratio Lower Upper

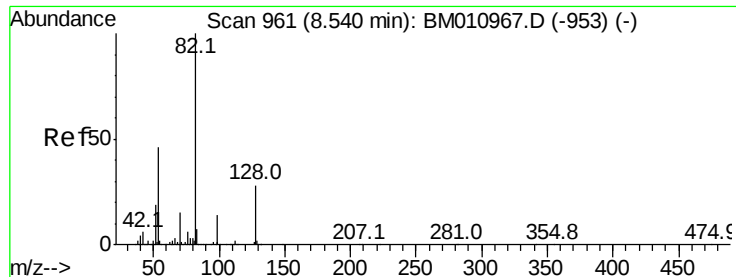
136 100

137 10.6 8.7 13.1

54 9.1 4.6 6.8#

68 6.7 3.7 5.5#

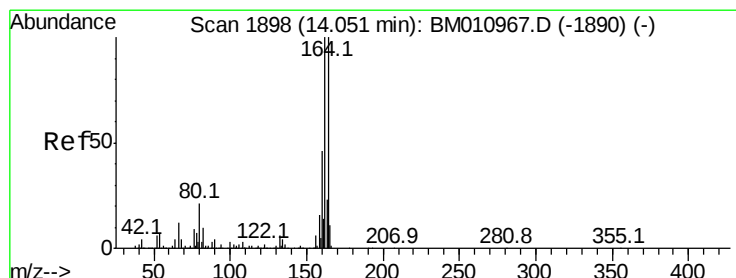
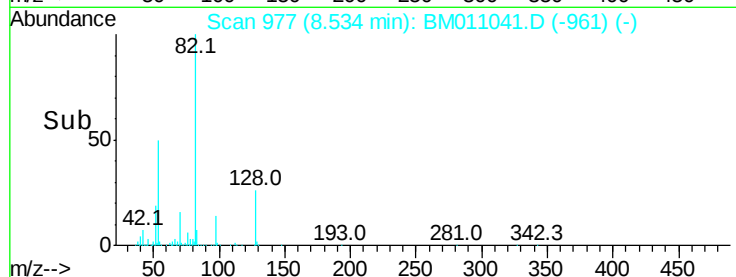
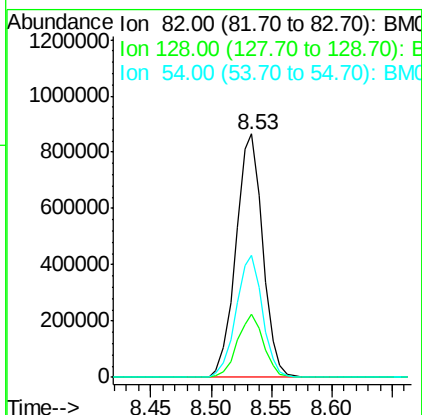
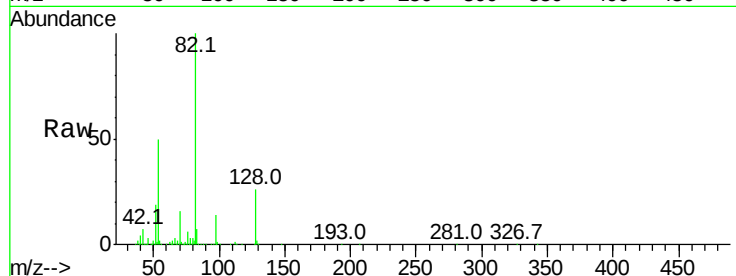




#23
 Nitrobenzene-d5
 Concen: 95.934 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011041.D
 Acq: 28 Jul 2017 14:24

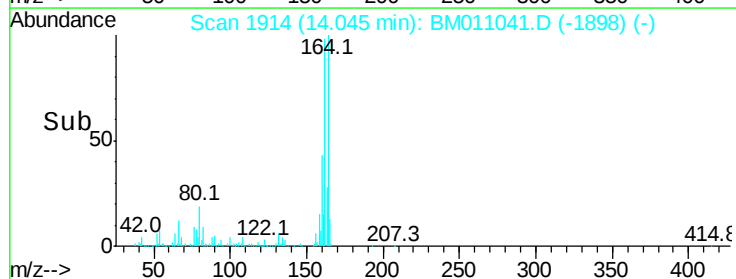
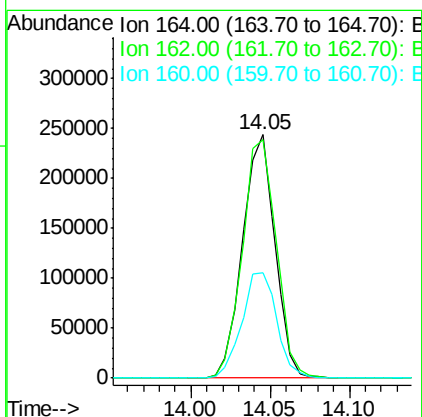
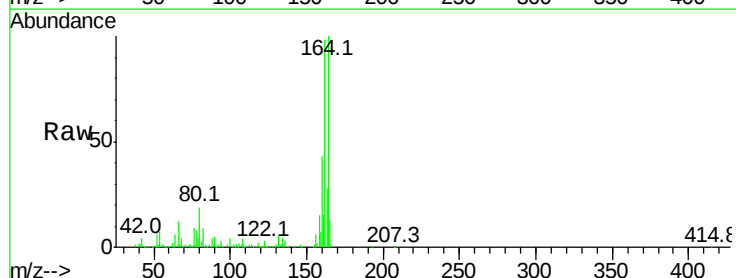
Instrument :
 BNA_M
 ClientSampleId :
 E2-FB-7-26-17

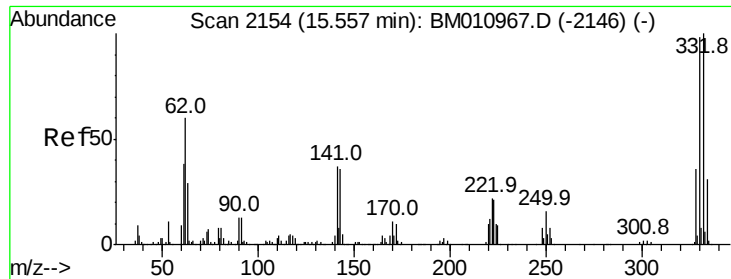
Tot Ion: 82 Resp: 1337026
 Ion Ratio Lower Upper
 82 100
 128 25.7 32.8 49.2#
 54 50.0 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.05 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM011041.D
 Acq: 28 Jul 2017 14:24

Tgt Ion:164 Resp: 346347
 Ion Ratio Lower Upper
 164 100
 162 97.8 82.4 123.6
 160 43.2 35.8 53.6

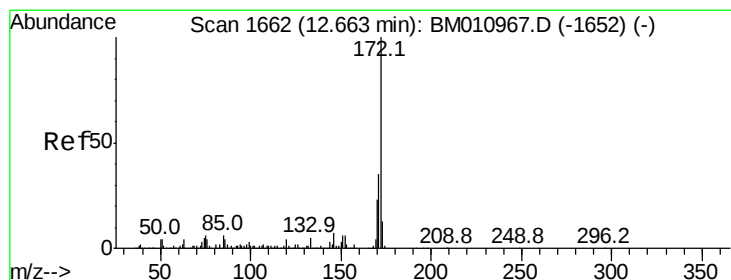
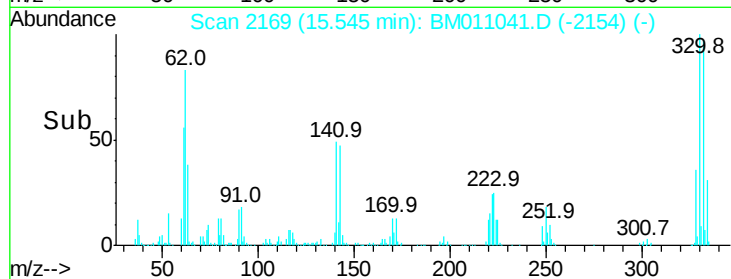
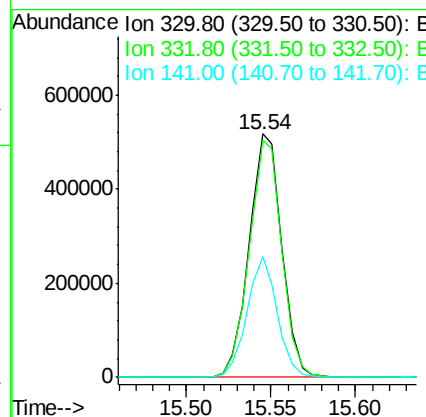
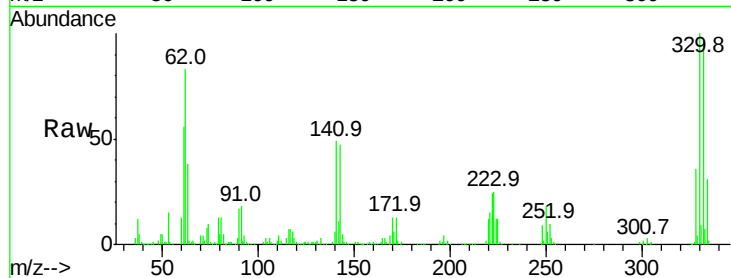




#41
 2,4,6-Tribromophenol
 Concen: 125.765 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011041.D
 Acq: 28 Jul 2017 14:24

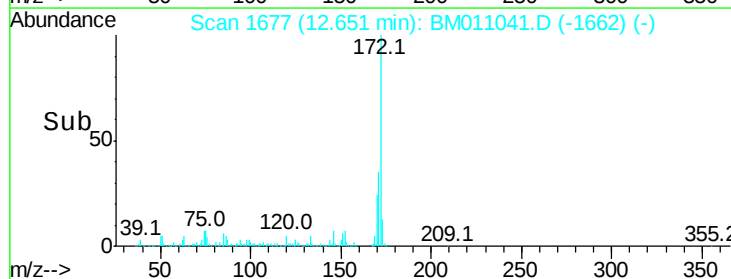
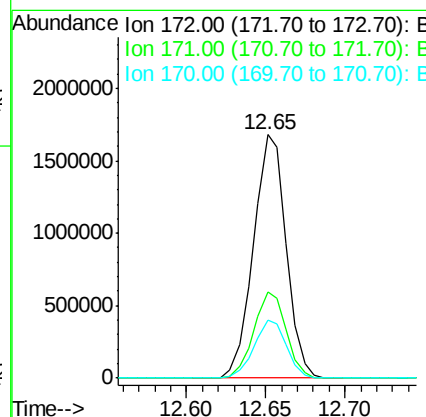
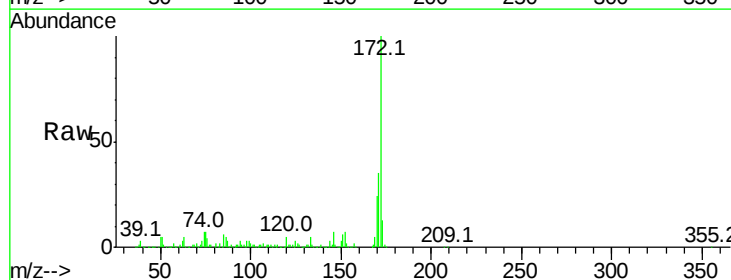
Instrument :
 BNA_M
 ClientSampleId :
 E2-FB-7-26-17

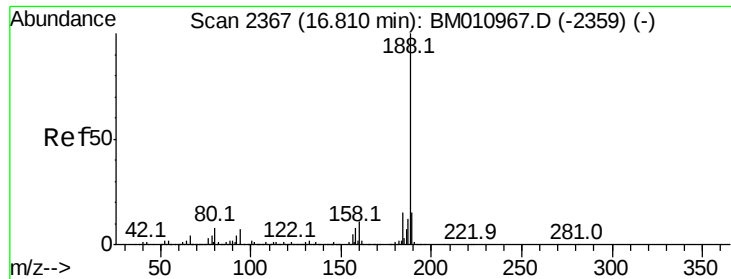
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	46.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 87.257 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011041.D
 Acq: 28 Jul 2017 14:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.7	18.8	28.2

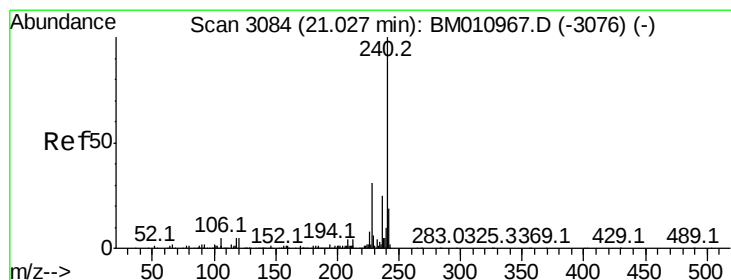
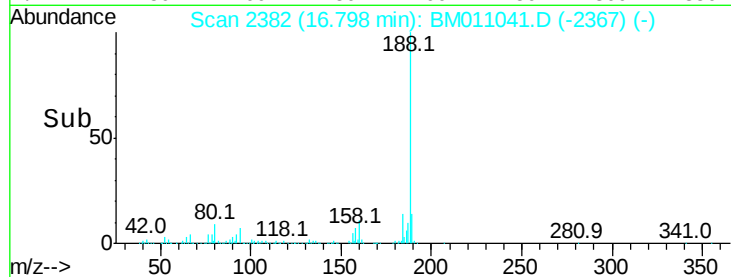
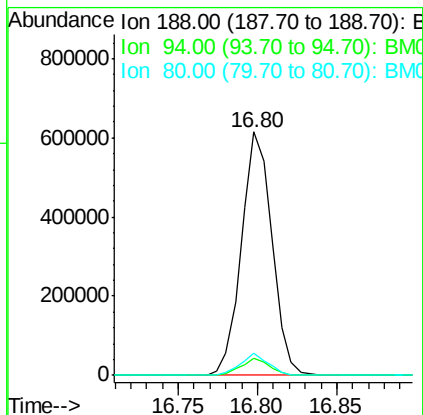
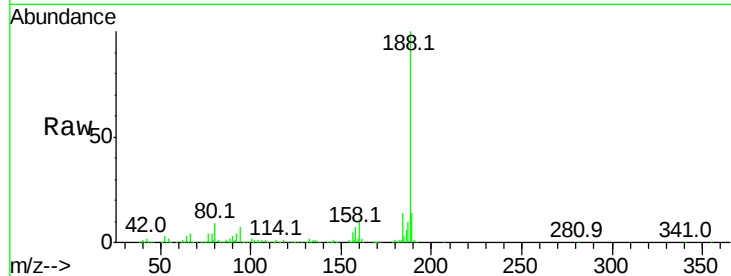




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011041.D
Acq: 28 Jul 2017 14:24

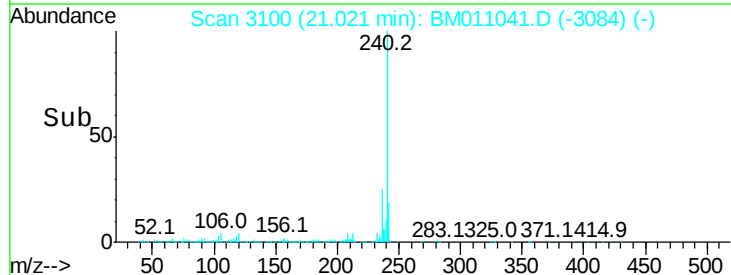
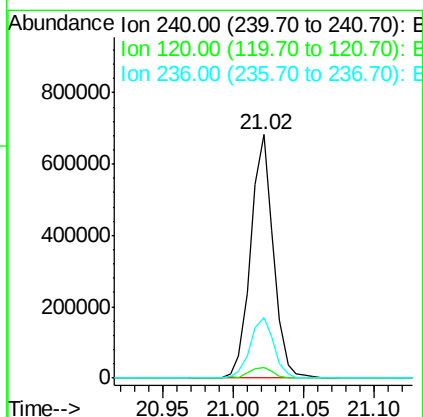
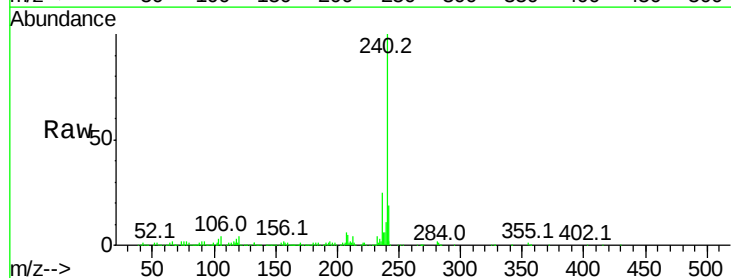
Instrument :
BNA_M
ClientSampleId :
E2-FB-7-26-17

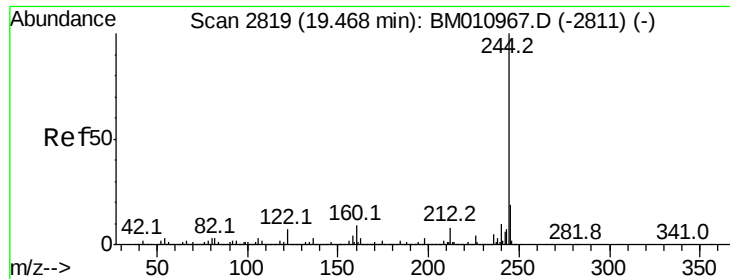
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.7	13.1#
80	9.0	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011041.D
Acq: 28 Jul 2017 14:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.1	8.2	12.2#
236	24.9	20.0	30.0





#78

Terphenyl-d14

Concen: 86.918 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011041.D

Acq: 28 Jul 2017 14:24

Instrument :

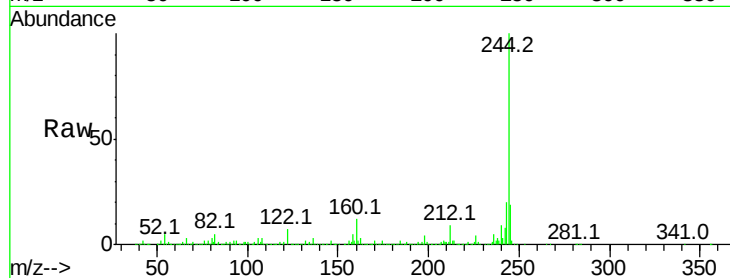
BNA_M

ClientSampleId :

E2-FB-7-26-17

Tot Ion:244 Resp: 3371010

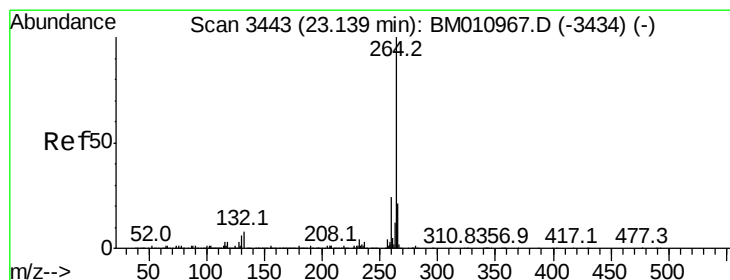
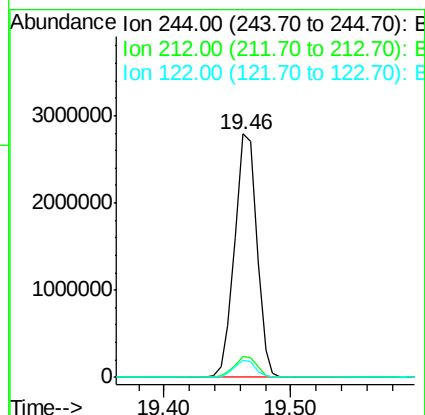
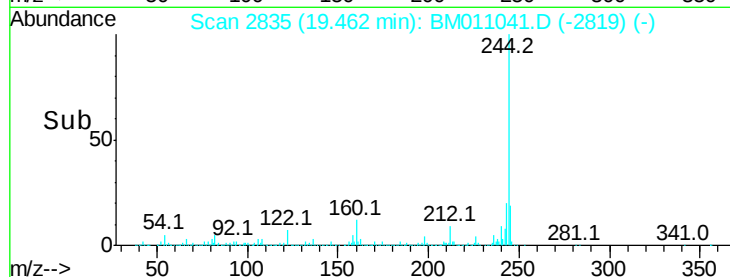
Ion	Ratio	Lower	Upper
244	100		
212	8.8	4.9	7.3#
122	6.8	6.2	9.4



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: 23.13 min Scan# 3459

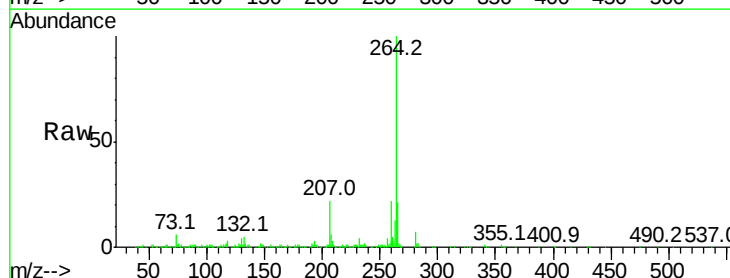
Delta R.T. -0.01 min

Lab File: BM011041.D

Acq: 28 Jul 2017 14:24

Tgt Ion:264 Resp: 732638

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.6	27.8
265	21.1	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

