

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011445.D
 Acq On : 05 Sep 2017 23:03
 Operator : SJ/JU
 Sample : I5092-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-02-090117

Quant Time: Sep 06 08:44:31 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	370808	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1485426	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	782009	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	1818809	20.00	ng	-0.01
75) Chrysene-d12	21.52	240	2093238	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1774867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	3327591	151.06	ng	0.00
7) Phenol-d6	7.13	99	4111950	134.62	ng	0.00
23) Nitrobenzene-d5	9.15	82	2475100	109.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1421076	157.07	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	5915912	109.05	ng	-0.01
78) Terphenyl-d14	19.96	244	9062572	107.42	ng	-0.02

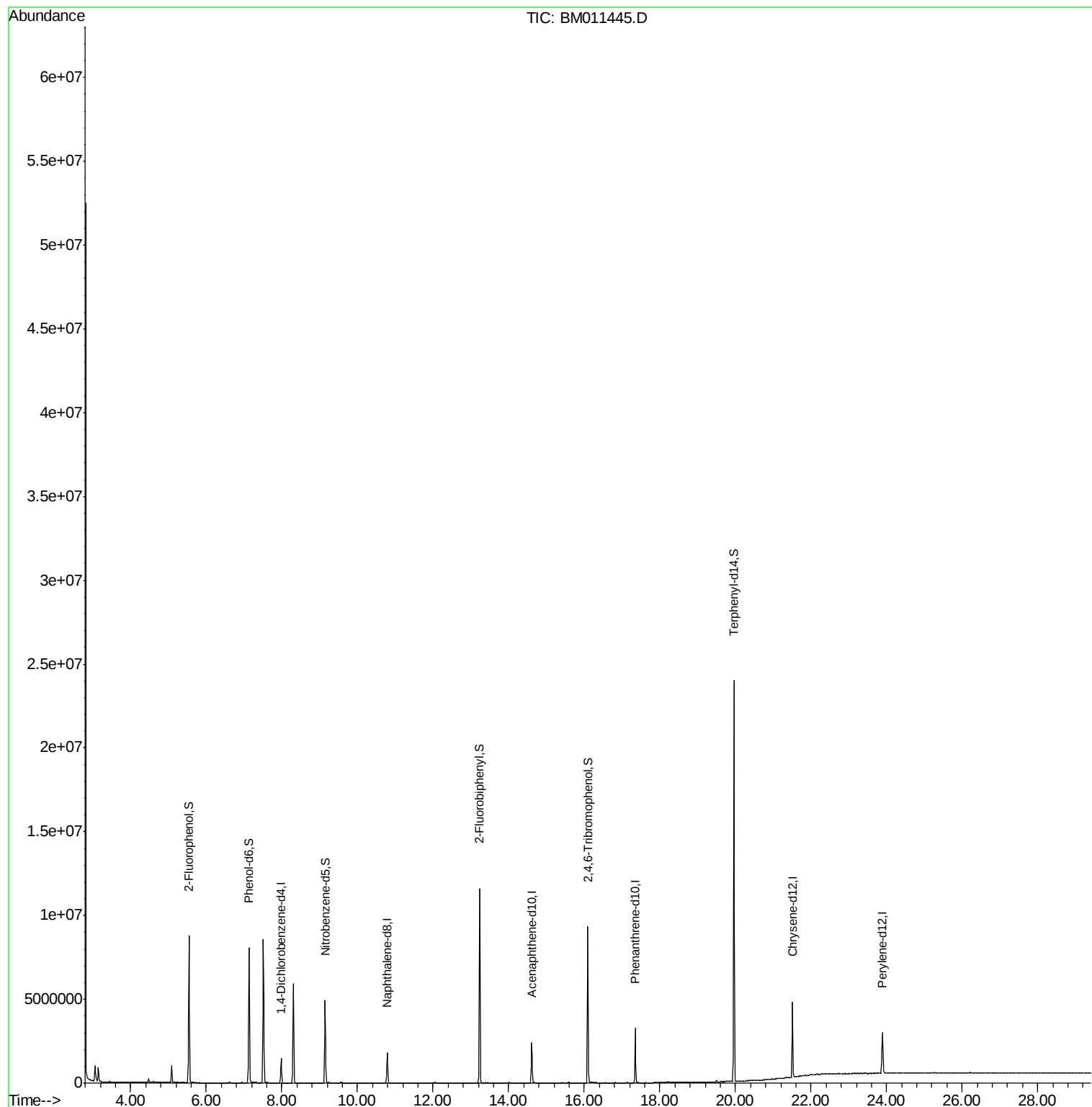
Target Compounds Qvalue

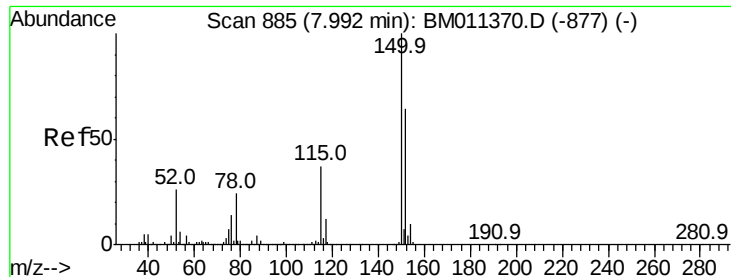
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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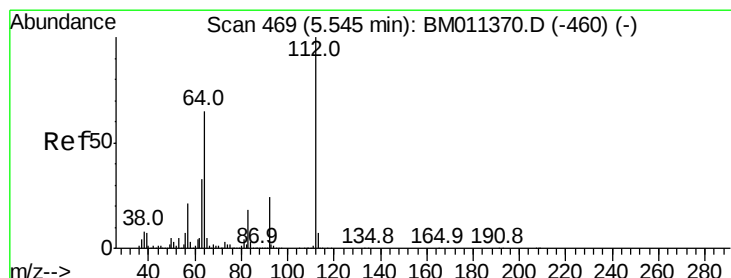
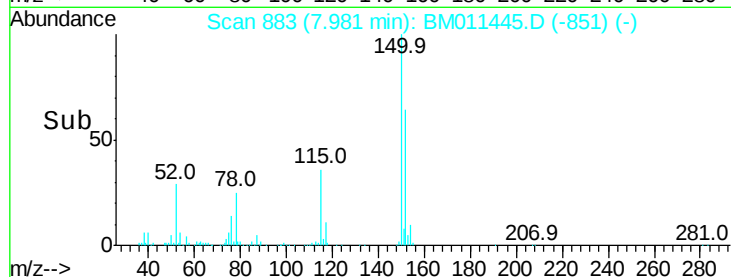
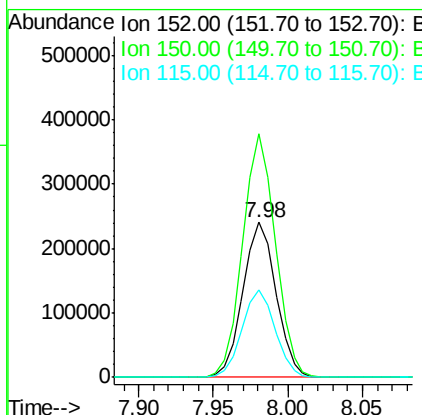
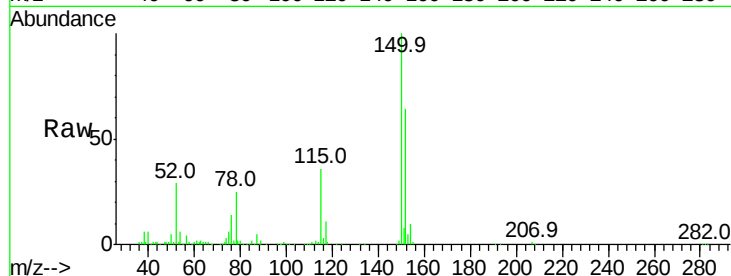


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011445.D
Acq: 05 Sep 2017 23:03

Instrument :
BNA_M
ClientSampleId :
BU-02-090117

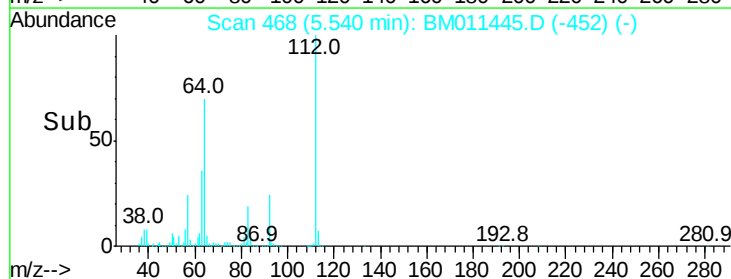
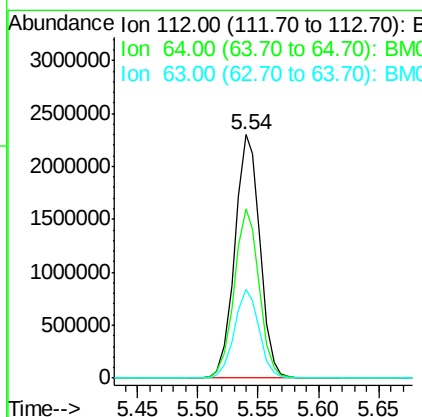
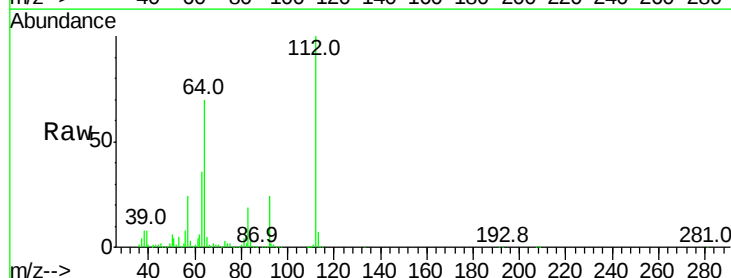
Tot Ion	152	Resp	370808
Ion	Ratio	Lower	Upper
152	100		
150	157.4	119.5	179.3
115	56.6	43.0	64.4

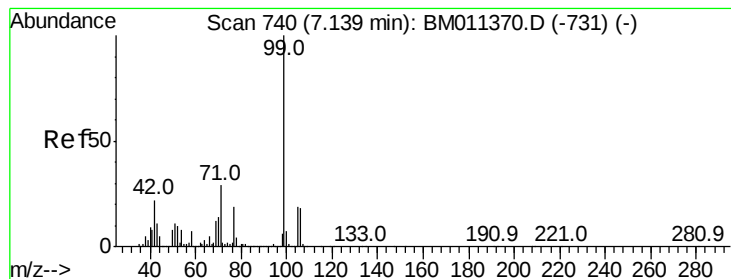


#5

2-Fluorophenol
Concen: 151.055 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011445.D
Acq: 05 Sep 2017 23:03

Tgt Ion	112	Resp	3327591
Ion	Ratio	Lower	Upper
112	100		
64	69.8	38.6	57.8#
63	36.2	19.3	28.9#





#7

Phenol-d6

Concen: 134.616 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011445.D

Acq: 05 Sep 2017 23:03

Instrument :

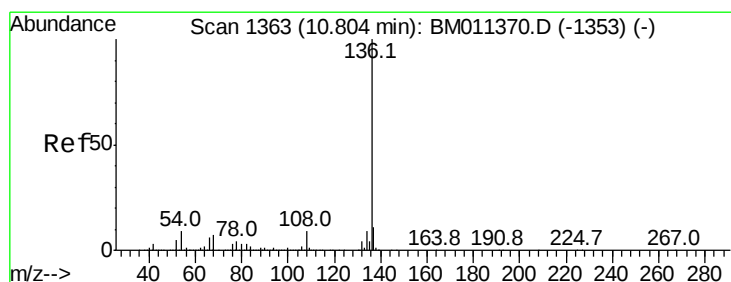
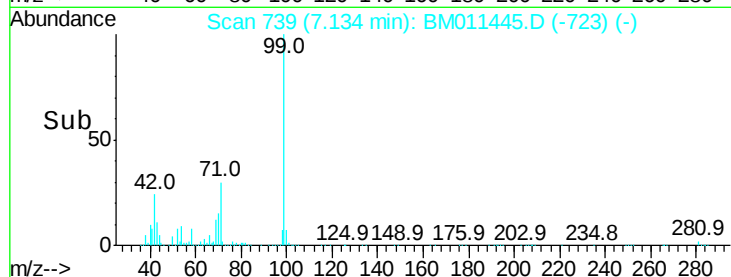
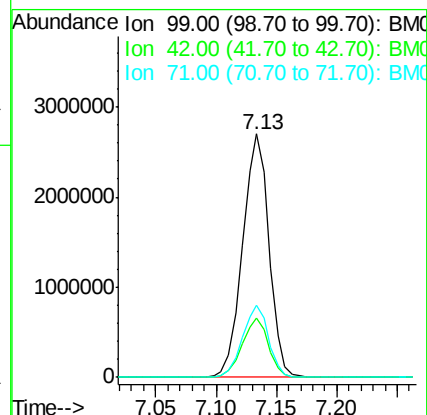
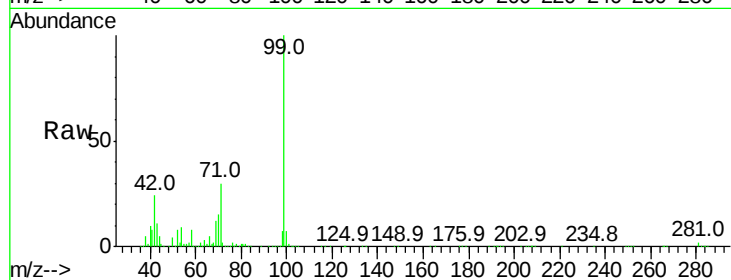
BNA_M

ClientSampleId :

BU-02-090117

Tot Ion: 99 Resp: 4111950

Ion	Ratio	Lower	Upper
99	100		
42	24.3	11.0	16.4#
71	29.8	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

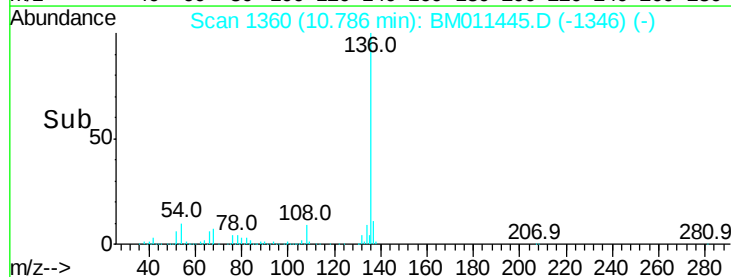
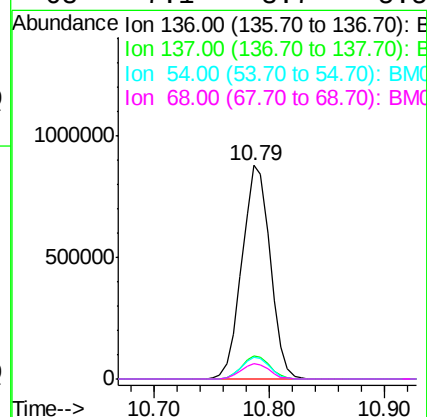
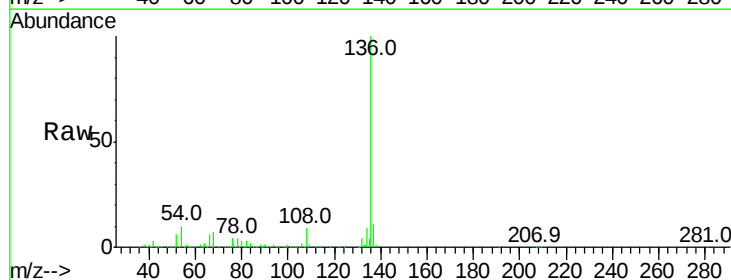
Delta R.T. -0.02 min

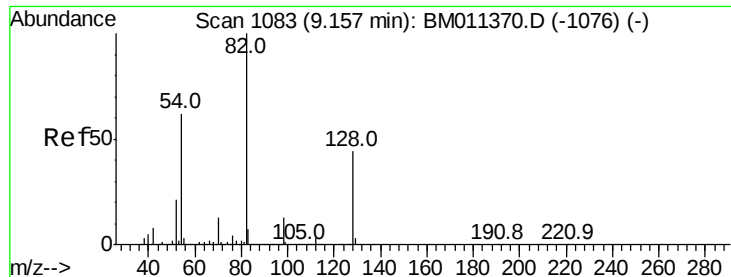
Lab File: BM011445.D

Acq: 05 Sep 2017 23:03

Tgt Ion: 136 Resp: 1485426

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	10.5	4.6	6.8#
68	7.1	3.7	5.5#





#23

Nitrobenzene-d5

Concen: 109.803 ng

RT: 9.15 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BM011445.D

Acq: 05 Sep 2017 23:03

Instrument :

BNA_M

ClientSampleId :

BU-02-090117

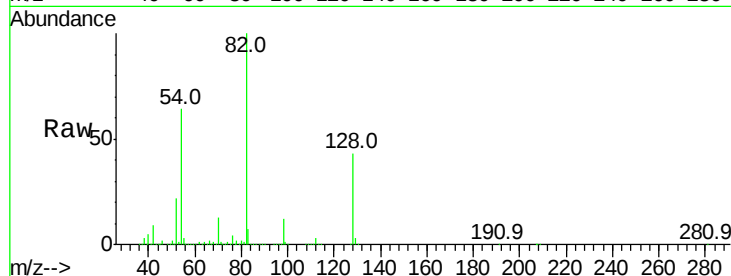
Tot Ion: 82 Resp: 2475100

Ion Ratio Lower Upper

82 100

128 43.3 32.8 49.2

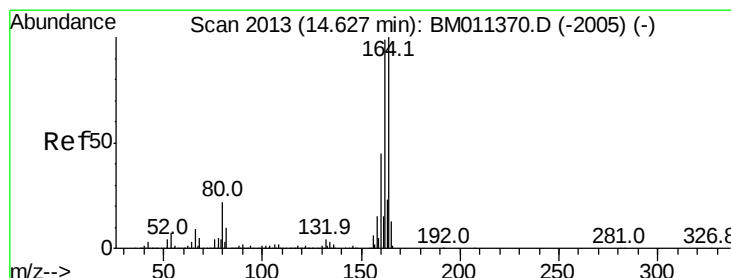
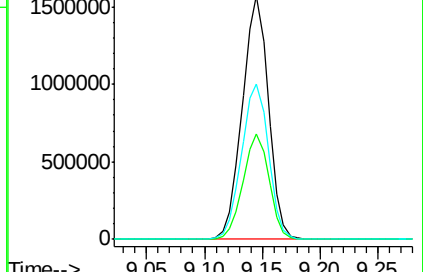
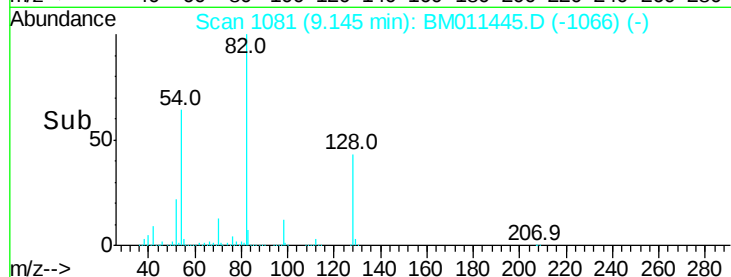
54 63.7 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM011370.D (-1076) (-)

Ion 128.00 (127.70 to 128.70): BM011370.D (-1076) (-)

Ion 54.00 (53.70 to 54.70): BM011370.D (-1076) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BM011445.D

Acq: 05 Sep 2017 23:03

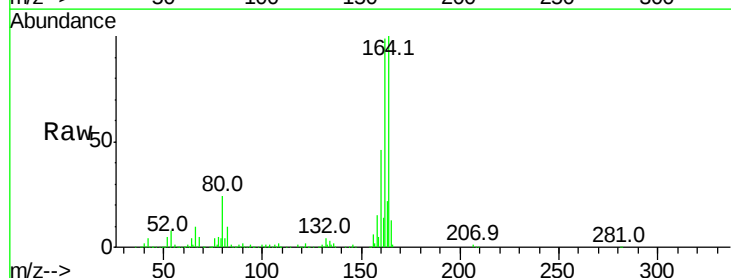
Tgt Ion: 164 Resp: 782009

Ion Ratio Lower Upper

164 100

162 99.3 82.4 123.6

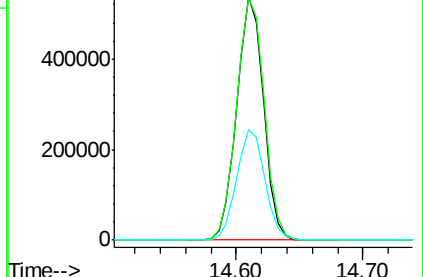
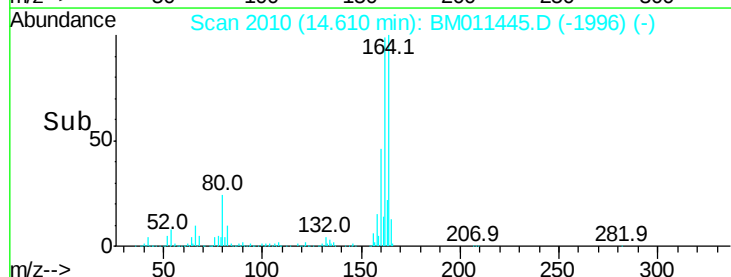
160 45.5 35.8 53.6

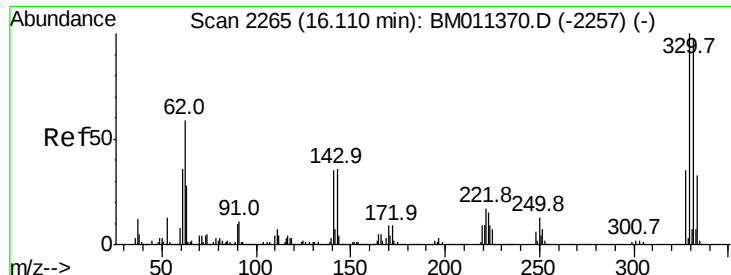


Abundance Ion 164.00 (163.70 to 164.70): BM011370.D (-2005) (-)

Ion 162.00 (161.70 to 162.70): BM011370.D (-2005) (-)

Ion 160.00 (159.70 to 160.70): BM011370.D (-2005) (-)

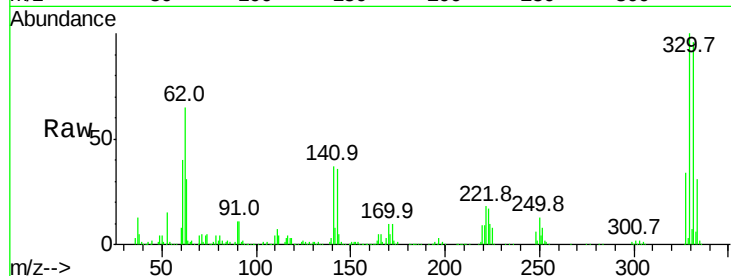




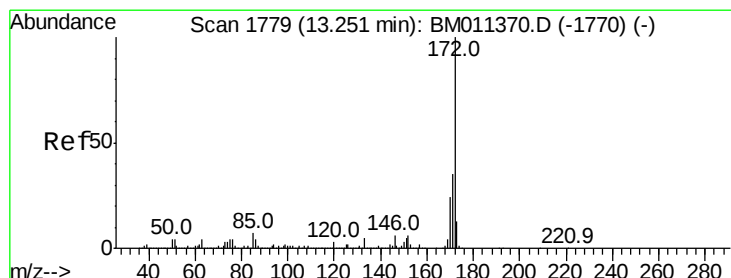
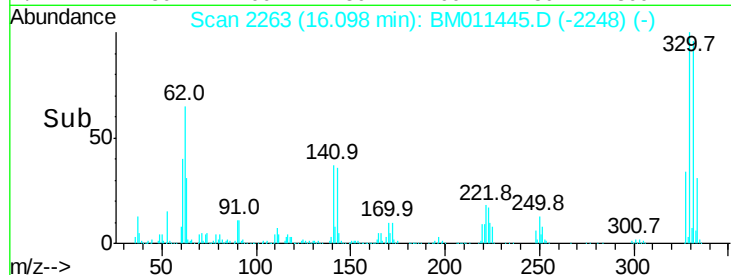
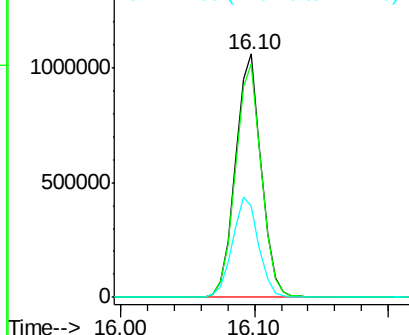
#41
 2,4,6-Tribromophenol
 Concen: 157.068 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011445.D
 Acq: 05 Sep 2017 23:03

Instrument :
 BNA_M
 ClientSampleId :
 BU-02-090117

Tot Ion:330 Resp: 1421076
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 41.9 0.0 0.0#

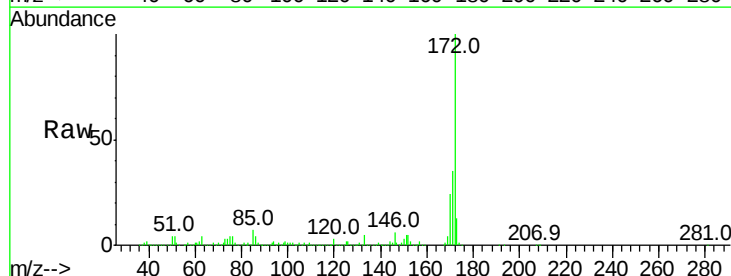


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

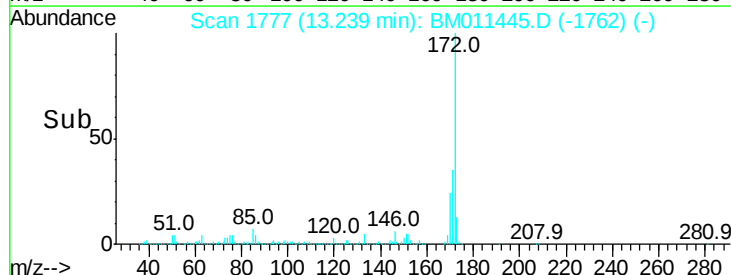
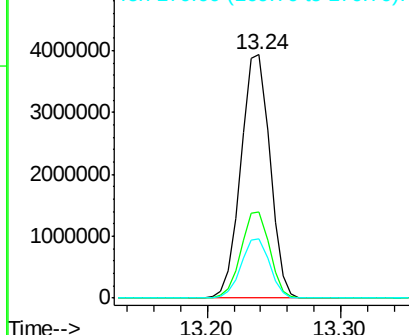


#44
 2-Fluorobiphenyl
 Concen: 109.048 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011445.D
 Acq: 05 Sep 2017 23:03

Tgt Ion:172 Resp: 5915912
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 24.3 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

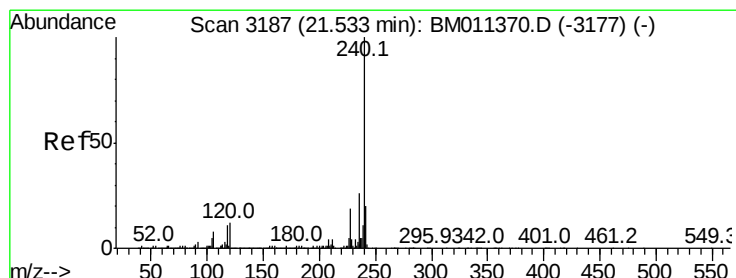
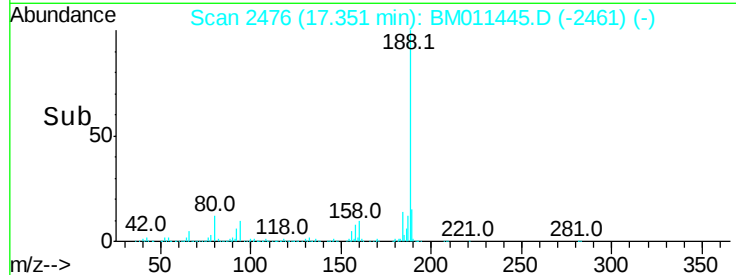
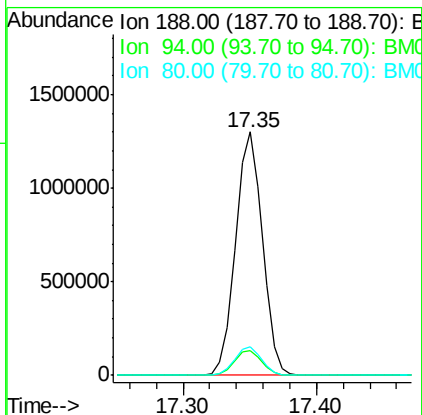
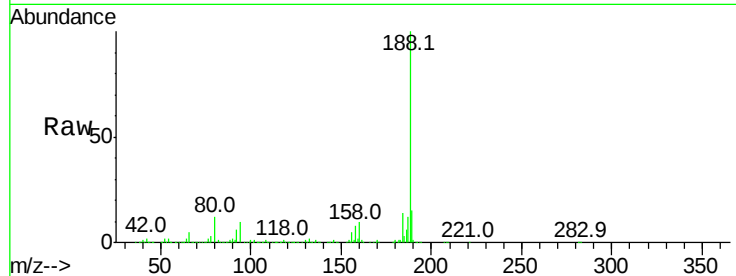




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011445.D
Acq: 05 Sep 2017 23:03

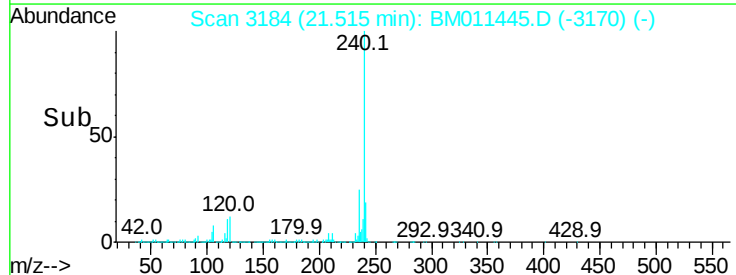
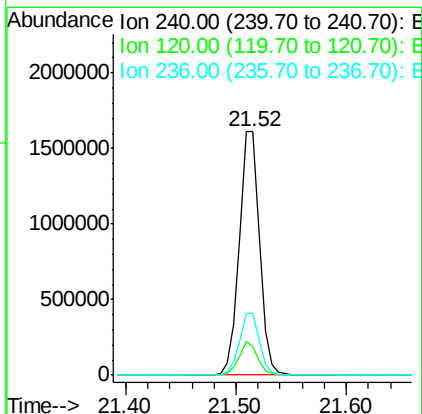
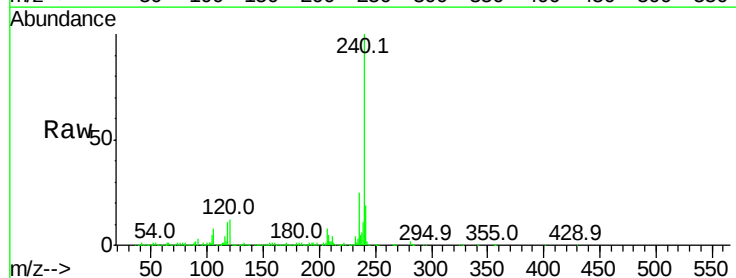
Instrument :
BNA_M
ClientSampleId :
BU-02-090117

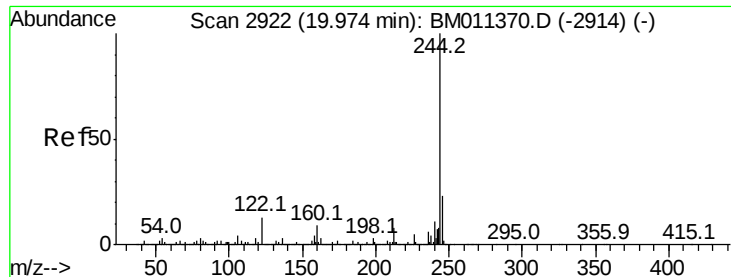
Tot Ion:188 Resp: 1818809
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 11.6 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011445.D
Acq: 05 Sep 2017 23:03

Tgt Ion:240 Resp: 2093238
Ion Ratio Lower Upper
240 100
120 11.8 8.2 12.2
236 25.2 20.0 30.0





#78

Terphenyl-d14

Concen: 107.423 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011445.D

Acq: 05 Sep 2017 23:03

Instrument :

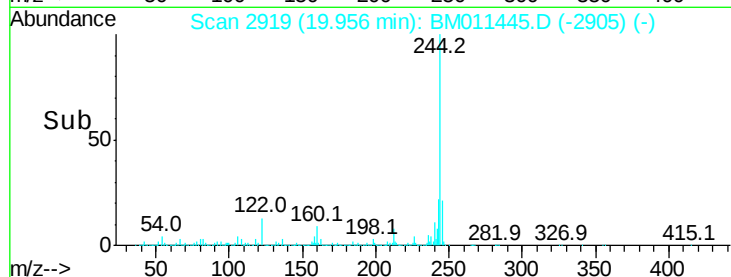
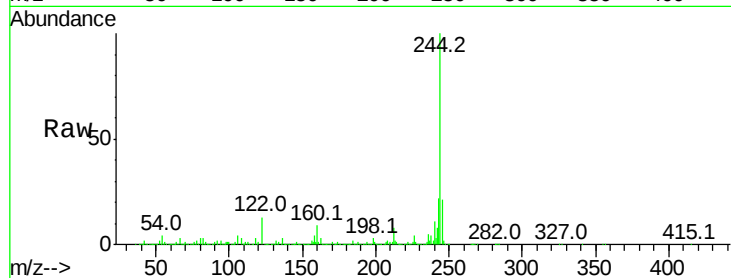
BNA_M

ClientSampleId :

BU-02-090117

Tot Ion:244 Resp: 9062572

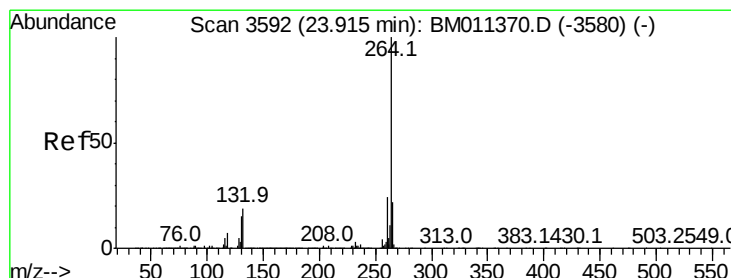
Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	12.7	6.2	9.4#



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: 23.89 min Scan# 3588

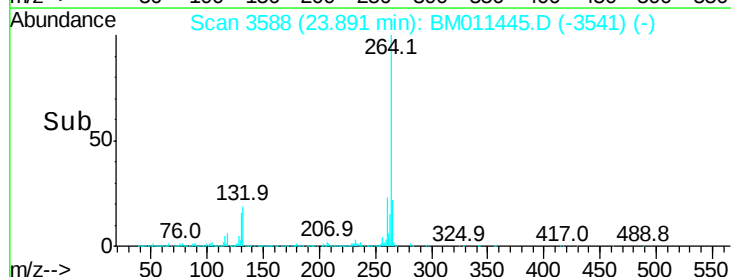
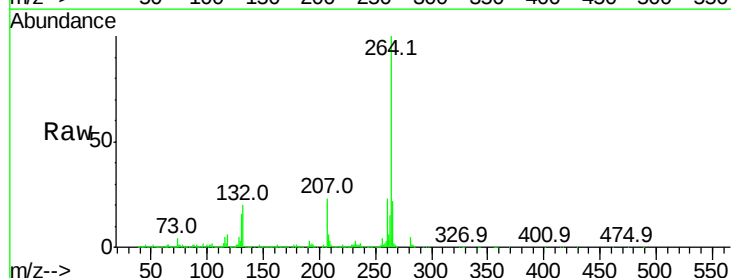
Delta R.T. -0.02 min

Lab File: BM011445.D

Acq: 05 Sep 2017 23:03

Tgt Ion:264 Resp: 1774867

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.1	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