

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011040.D
 Acq On : 28 Jul 2017 13:48
 Operator : SJ/JU
 Sample : I4243-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-CF

Quant Time: Jul 28 15:08:26 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	161754	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	593862	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	405400	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1094365	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1093740	20.00	ng	0.00
86) Perylene-d12	23.13	264	936637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1306508	136.54	ng	0.00
7) Phenol-d6	6.59	99	1672880	123.05	ng	0.00
23) Nitrobenzene-d5	8.53	82	1673618	105.77	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1075310	165.49	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	3276611	101.36	ng	0.00
78) Terphenyl-d14	19.47	244	5812013	105.26	ng	0.00

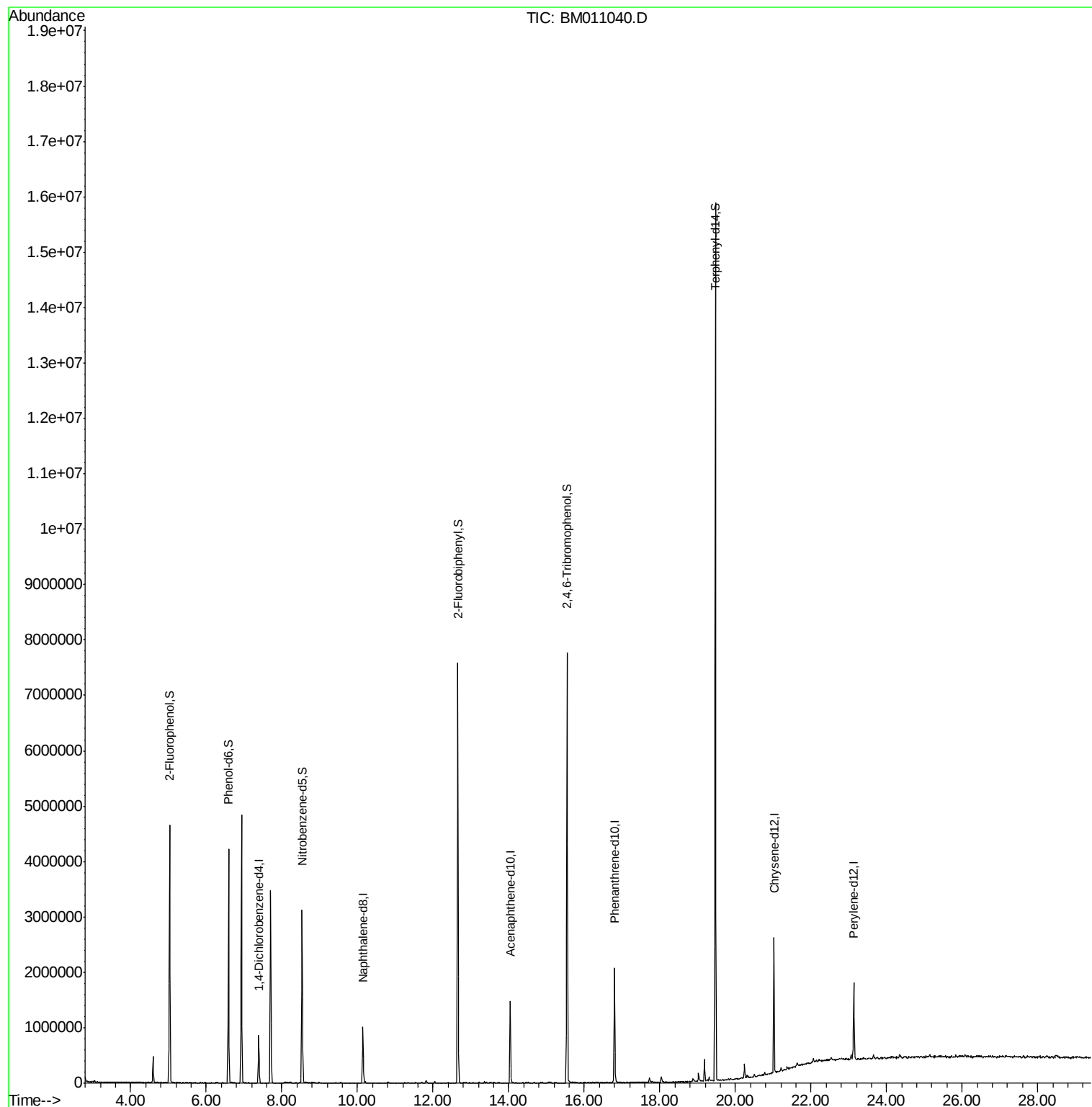
Target Compounds	Qvalue
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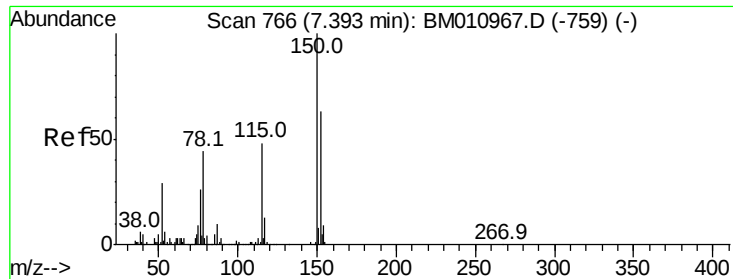
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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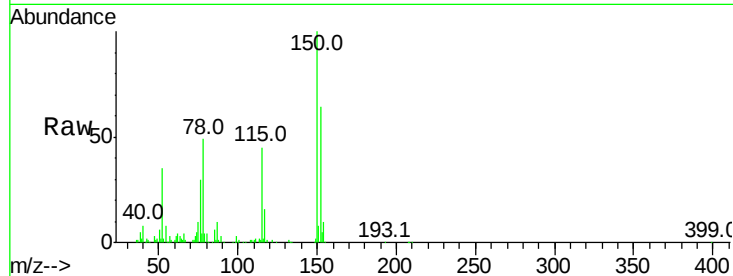


#1

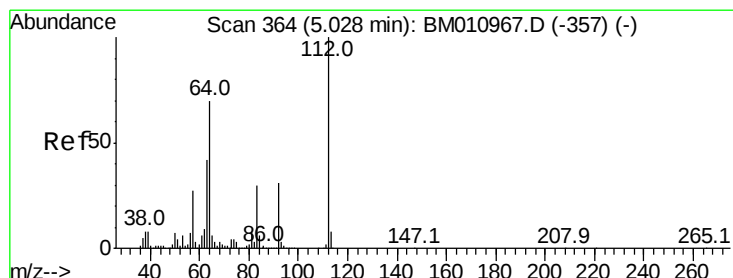
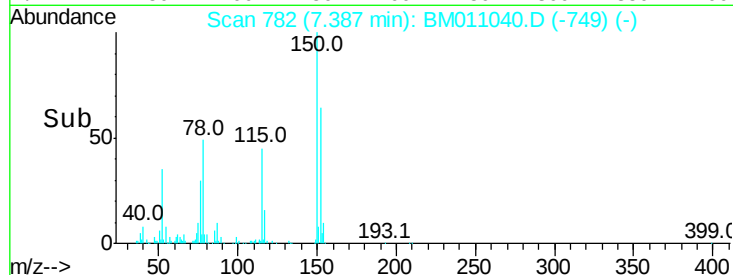
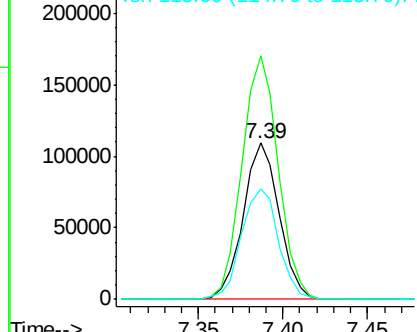
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011040.D
Acq: 28 Jul 2017 13:48

Instrument :
BNA_M
ClientSampleId :
TP-CF

Tot Ion:152 Resp: 161754
Ion Ratio Lower Upper
152 100
150 155.9 119.5 179.3
115 70.7 43.0 64.4#



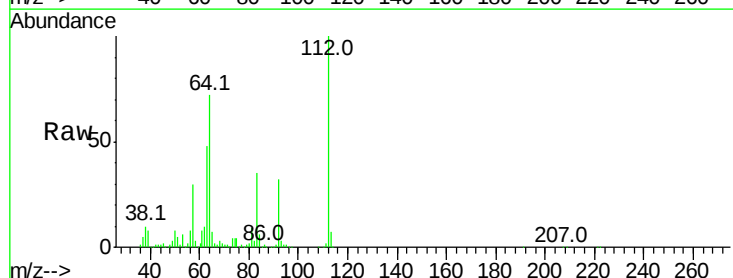
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



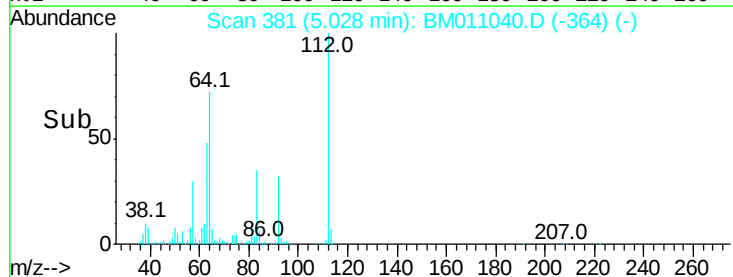
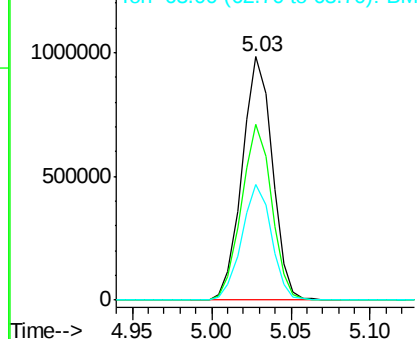
#5

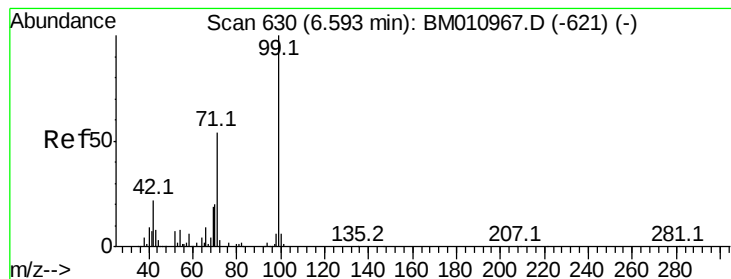
2-Fluorophenol
Concen: 136.539 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011040.D
Acq: 28 Jul 2017 13:48

Tgt Ion:112 Resp: 1306508
Ion Ratio Lower Upper
112 100
64 72.1 38.6 57.8#
63 47.7 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: 123.047 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011040.D

Acq: 28 Jul 2017 13:48

Instrument :

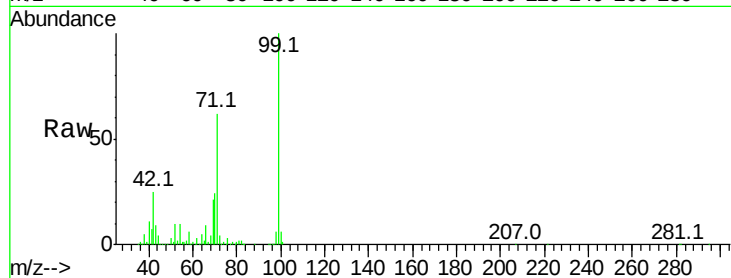
BNA_M

ClientSampleId :

TP-CF

Tot Ion: 99 Resp: 1672880

Ion	Ratio	Lower	Upper
99	100		
42	25.2	11.0	16.4#
71	61.8	23.4	35.2#



Abundance

Ion 99.00 (98.70 to 99.70): BM011040.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011040.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011040.D (-630) (-)

1500000

1000000

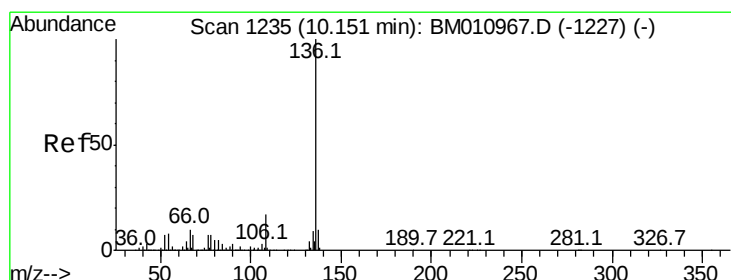
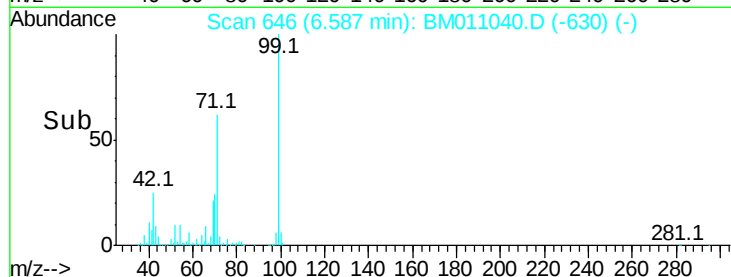
500000

0

6.59

6.50 6.55 6.60 6.65 6.70

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

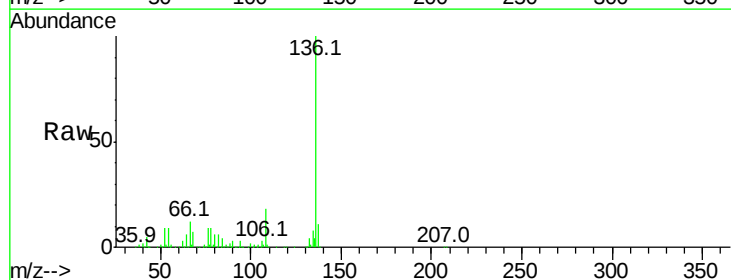
Delta R.T. -0.01 min

Lab File: BM011040.D

Acq: 28 Jul 2017 13:48

Tgt Ion: 136 Resp: 593862

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.1	4.6	6.8#
68	7.0	3.7	5.5#



Abundance

Ion 136.00 (135.70 to 136.70): BM011040.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011040.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011040.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011040.D (-1235) (-)

600000

500000

400000

300000

200000

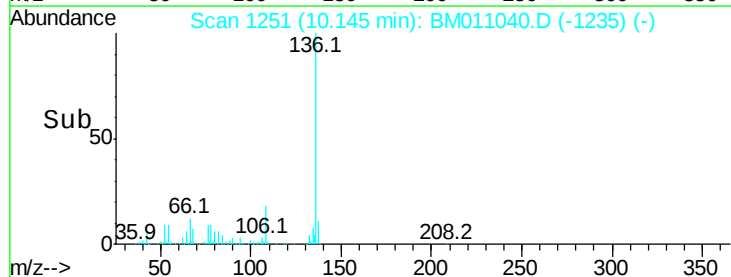
100000

0

10.15

10.10 10.20

Time-->



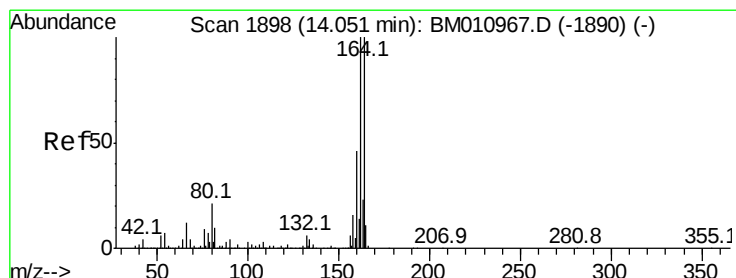
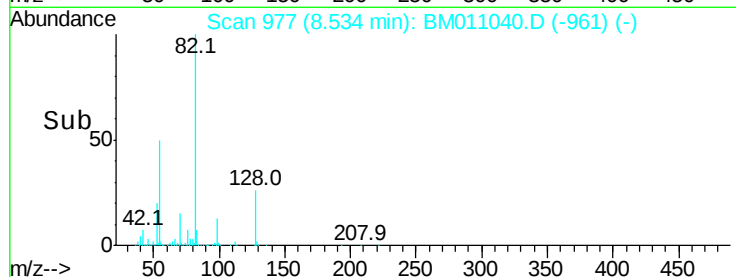
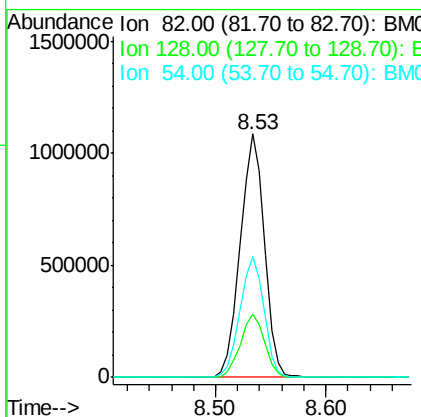
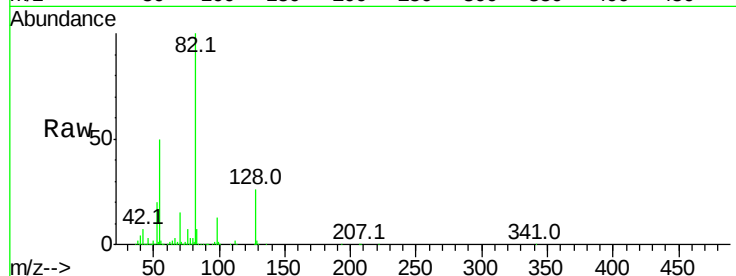


#23
 Nitrobenzene-d5
 Concen: 105.771 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011040.D
 Acq: 28 Jul 2017 13:48

Instrument :
 BNA_M
 ClientSampleId :
 TP-CF

Tot Ion: 82 Resp: 1673618

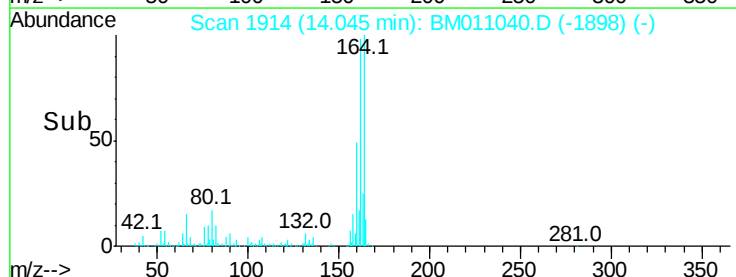
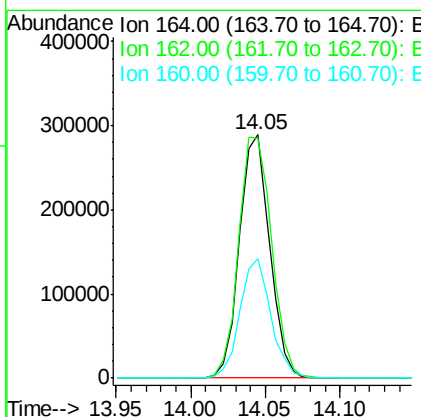
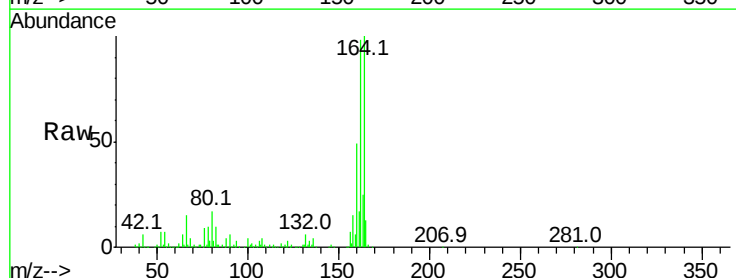
Ion	Ratio	Lower	Upper
82	100		
128	25.9	32.8	49.2#
54	49.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.05 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM011040.D
 Acq: 28 Jul 2017 13:48

Tgt Ion: 164 Resp: 405400

Ion	Ratio	Lower	Upper
164	100		
162	98.4	82.4	123.6
160	48.9	35.8	53.6

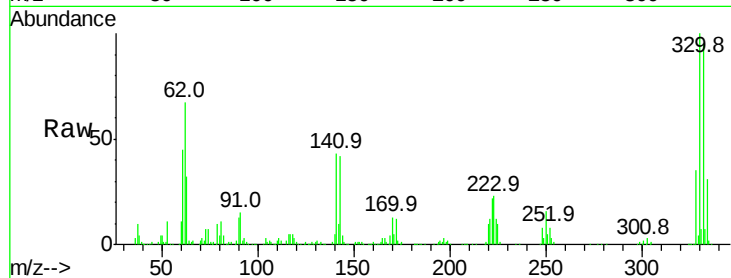




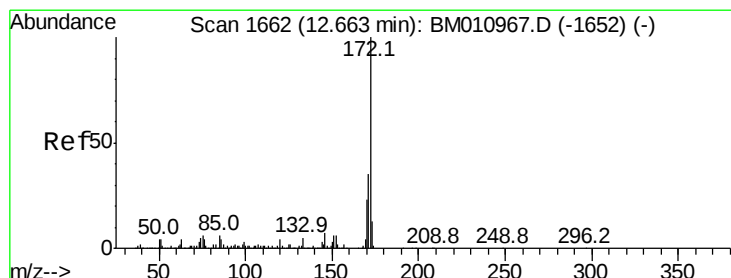
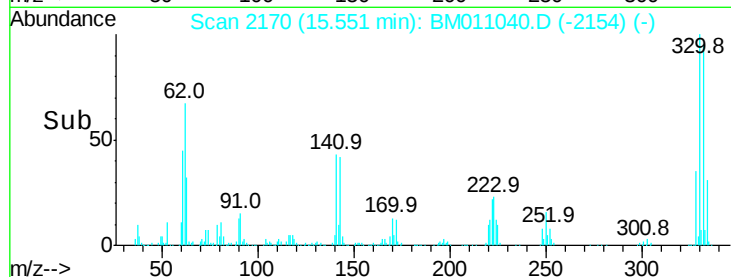
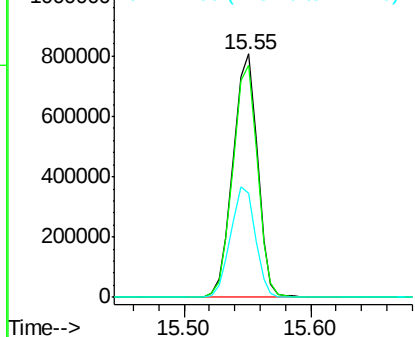
#41
 2,4,6-Tribromophenol
 Concen: 165.491 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM011040.D
 Acq: 28 Jul 2017 13:48

Instrument :
 BNA_M
 ClientSampleId :
 TP-CF

Tot Ion:330 Resp: 1075310
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 46.3 0.0 0.0#

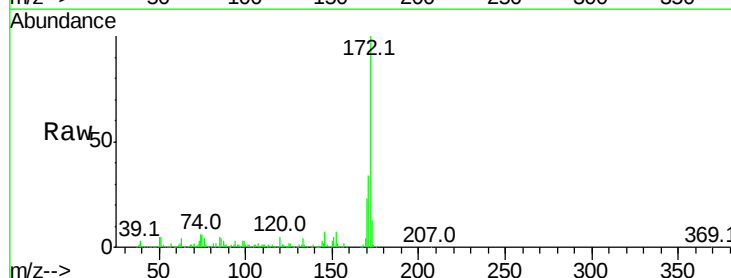


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

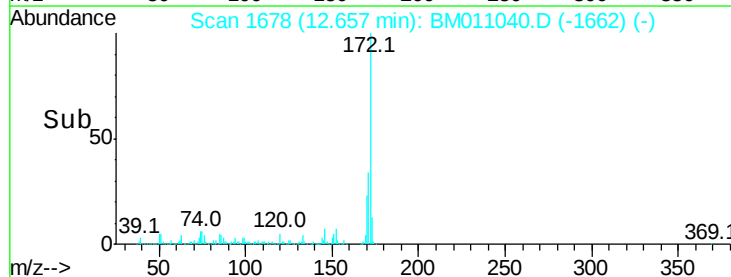
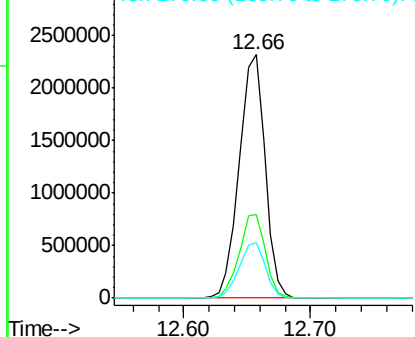


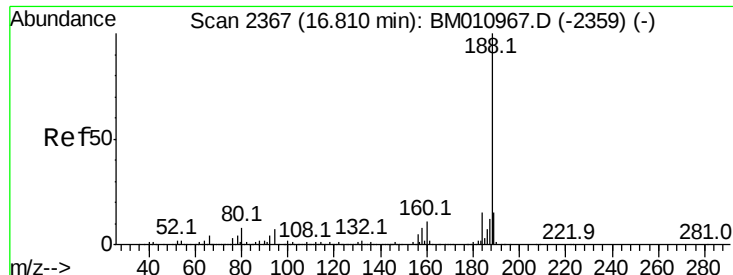
#44
 2-Fluorobiphenyl
 Concen: 101.364 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM011040.D
 Acq: 28 Jul 2017 13:48

Tgt Ion:172 Resp: 3276611
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 23.0 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

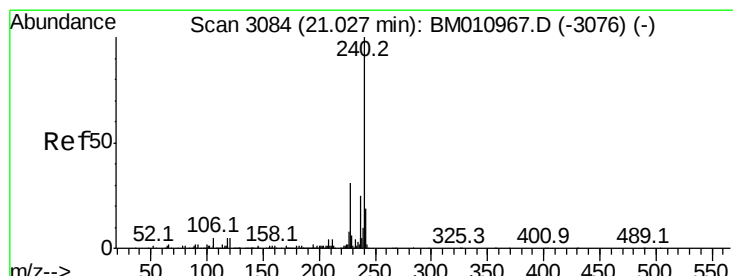
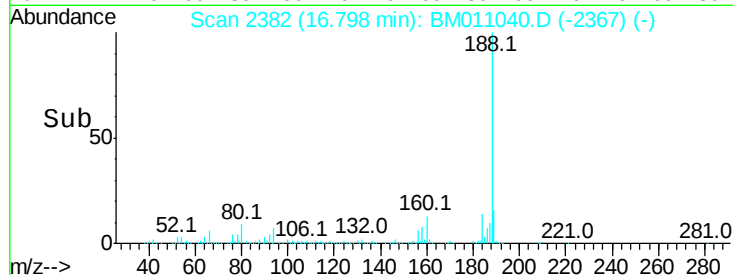
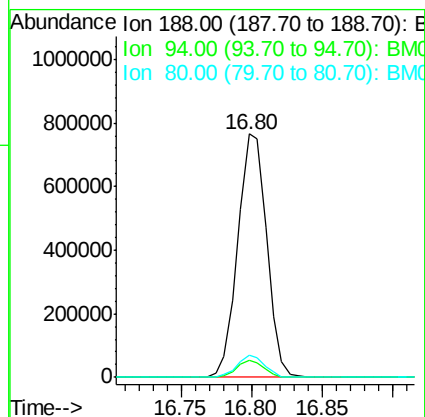
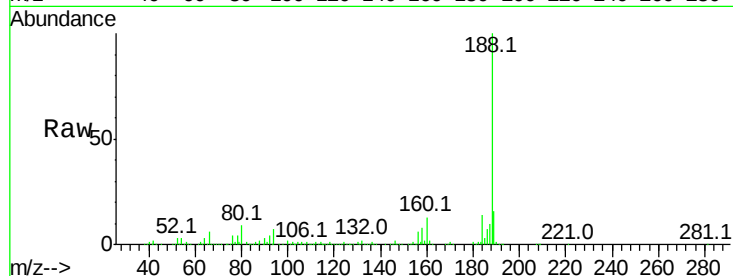




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011040.D
Acq: 28 Jul 2017 13:48

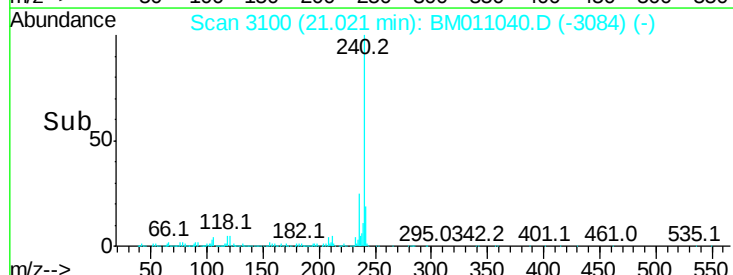
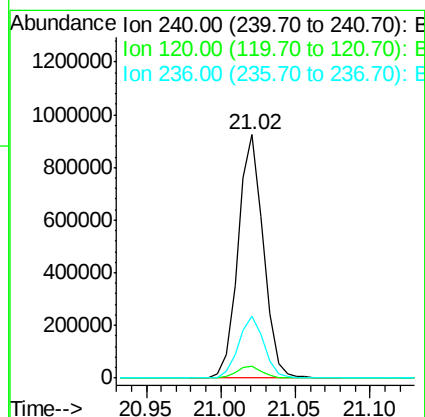
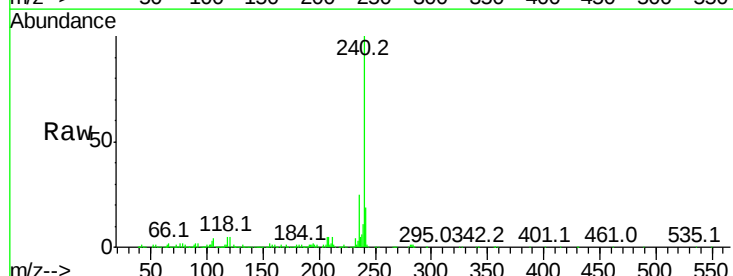
Instrument :
BNA_M
ClientSampleId :
TP-CF

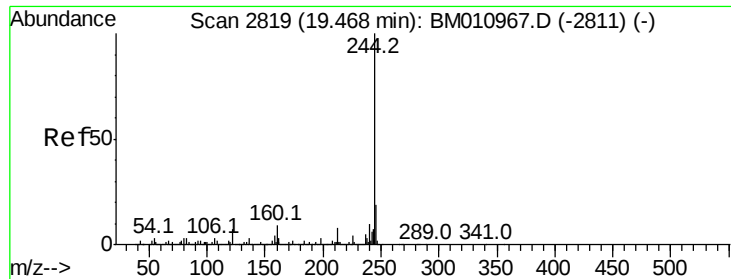
Tot Ion:188 Resp: 1094365
Ion Ratio Lower Upper
188 100
94 7.2 8.7 13.1#
80 9.3 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011040.D
Acq: 28 Jul 2017 13:48

Tgt Ion:240 Resp: 1093740
Ion Ratio Lower Upper
240 100
120 5.1 8.2 12.2#
236 25.4 20.0 30.0





#78

Terphenyl-d14

Concen: 105.261 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM011040.D

Acq: 28 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

TP-CF

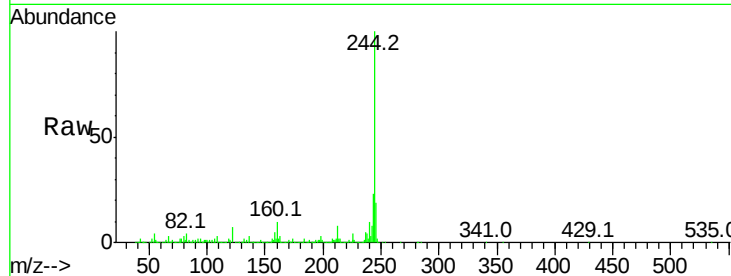
Tot Ion:244 Resp: 5812013

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

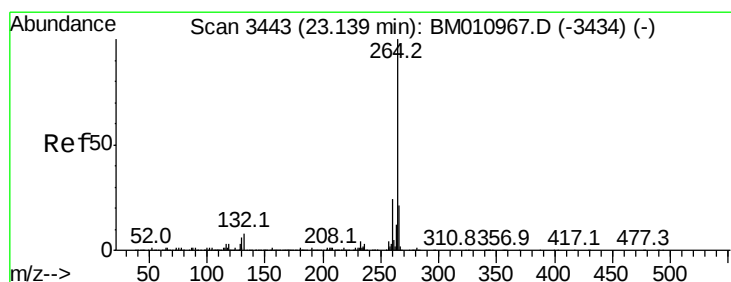
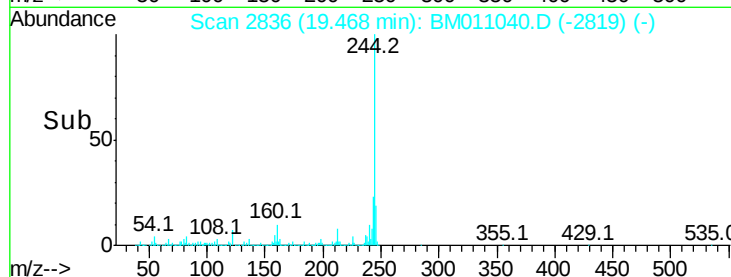
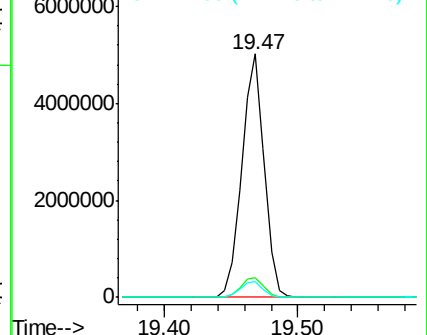
122 6.6 6.2 9.4



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: BM011040.D

Acq: 28 Jul 2017 13:48

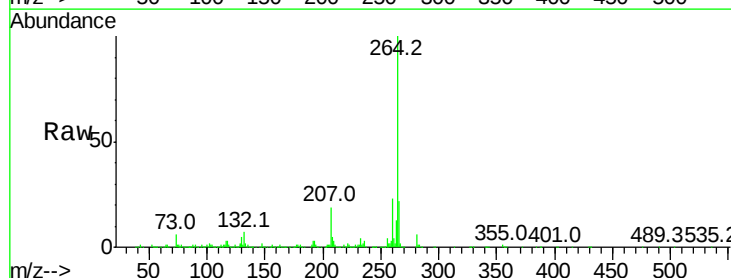
Tgt Ion:264 Resp: 936637

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.3 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

