

Data Path : U:\HPCHEM1\BNA M\DATA\BM082217\
 Data File : BM011340.D
 Acq On : 22 Aug 2017 23:01
 Operator : SJ/JU
 Sample : I4909-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-082117

Quant Time: Aug 23 03:44:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	108699	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	386333	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	232431	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	591112	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	829276	20.00	ng	-0.02
86) Perylene-d12	22.99	264	561236	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	844579	131.35	ng	-0.02
7) Phenol-d6	6.48	99	1062953	116.35	ng	-0.02
23) Nitrobenzene-d5	8.41	82	1167288	113.40	ng	-0.03
41) 2,4,6-Tribromophenol	15.45	330	448750	120.46	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1687540	91.06	ng	-0.02
78) Terphenyl-d14	19.37	244	3037350	72.55	ng	-0.02

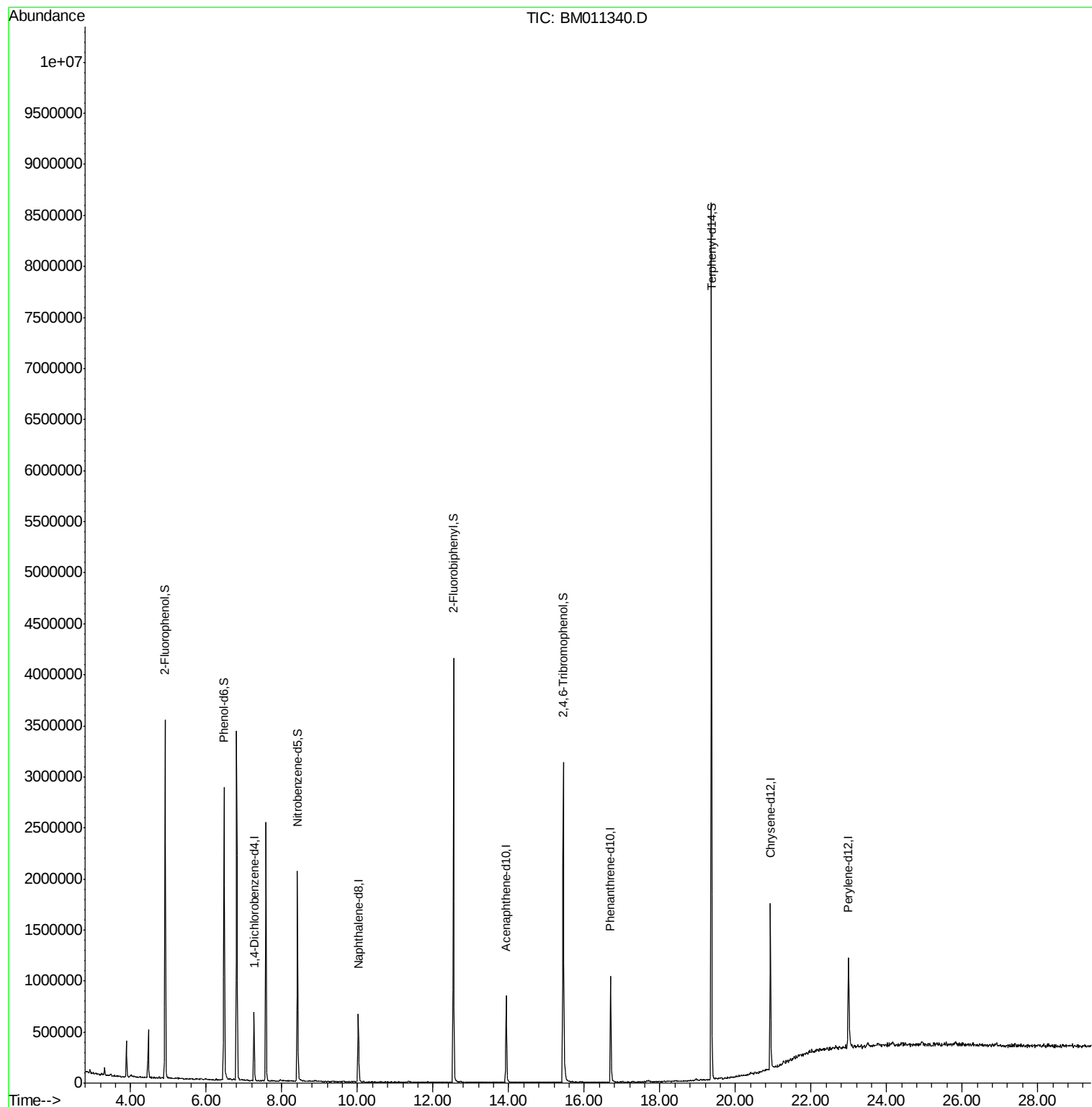
Target Compounds Qvalue

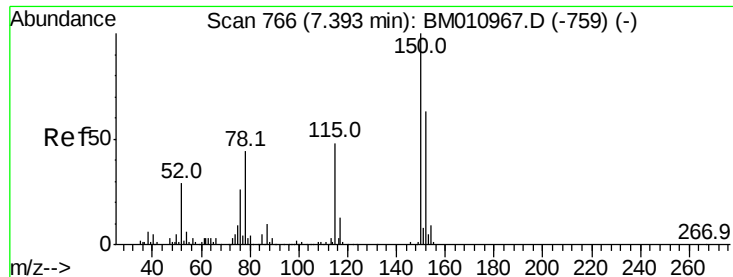
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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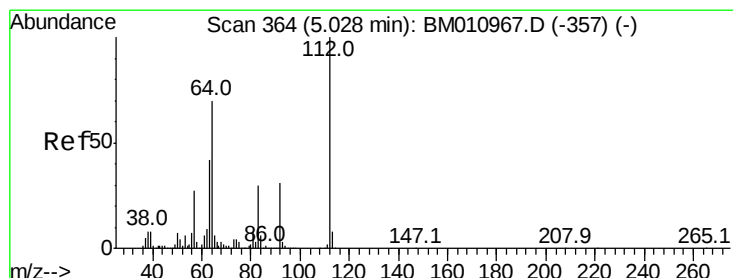
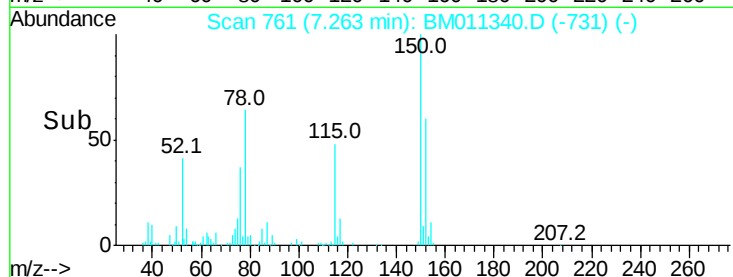
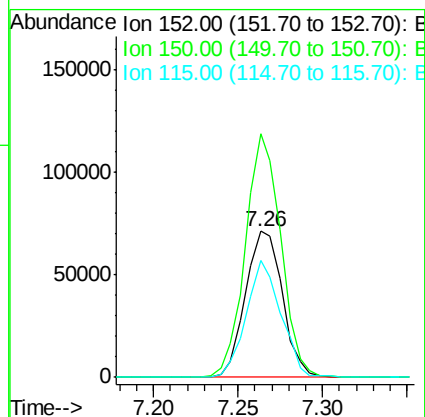
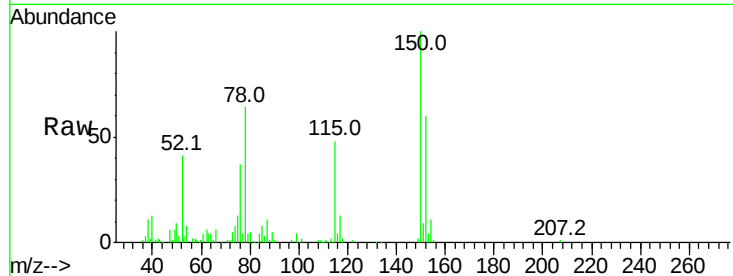


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.26 min Scan# 761
Delta R.T. -0.02 min
Lab File: BM011340.D
Acq: 22 Aug 2017 23:01

Instrument :
BNA_M
ClientSampleId :
SU-04-082117

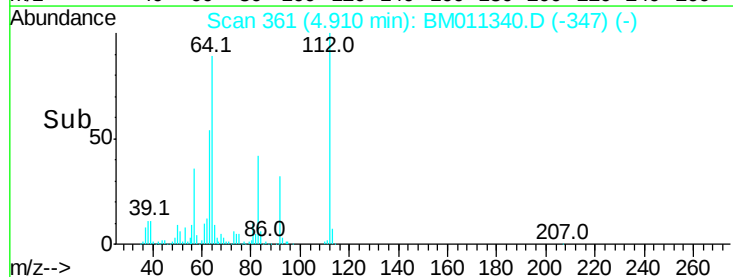
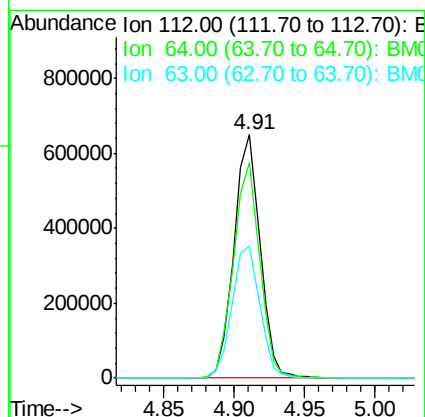
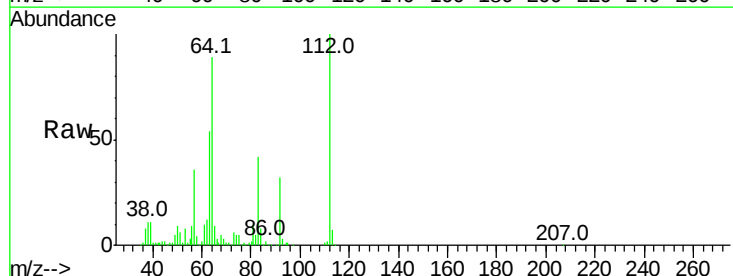
Tot Ion:152 Resp: 108699
Ion Ratio Lower Upper
152 100
150 167.0 119.5 179.3
115 80.5 43.0 64.4#

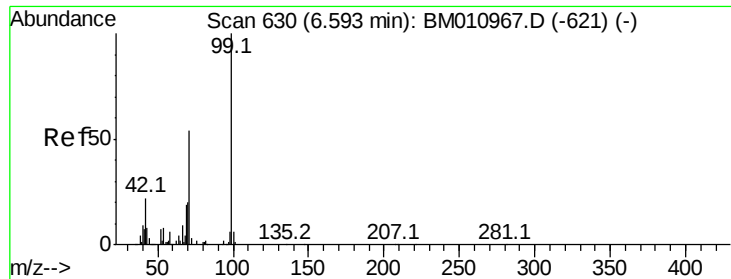


#5

2-Fluorophenol
Concen: 131.345 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011340.D
Acq: 22 Aug 2017 23:01

Tgt Ion:112 Resp: 844579
Ion Ratio Lower Upper
112 100
64 88.6 38.6 57.8#
63 54.4 19.3 28.9#





#7

Phenol-d6

Concen: 116.346 ng

RT: 6.48 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011340.D

Acq: 22 Aug 2017 23:01

Instrument :

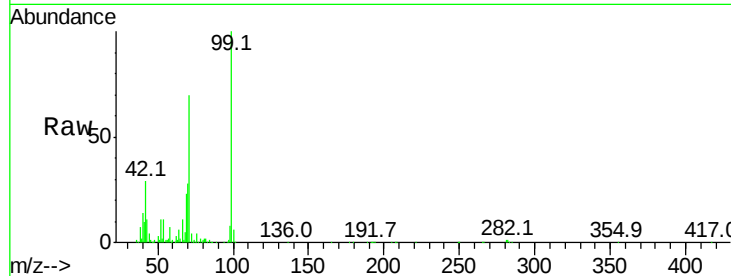
BNA_M

ClientSampleId :

SU-04-082117

Tot Ion: 99 Resp: 1062953

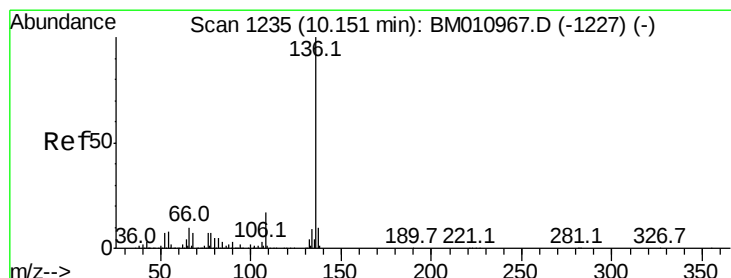
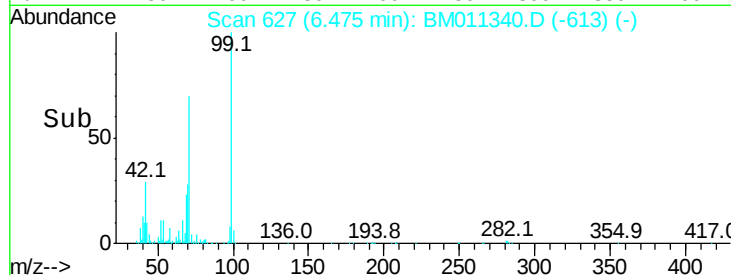
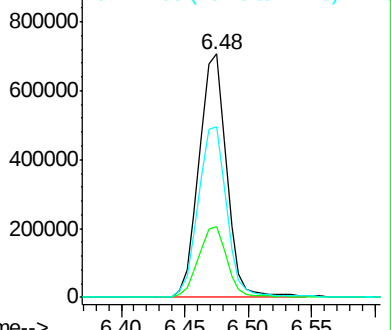
Ion	Ratio	Lower	Upper
99	100		
42	29.0	11.0	16.4#
71	70.3	23.4	35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011340.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011340.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011340.D (-613) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.02 min Scan# 1230

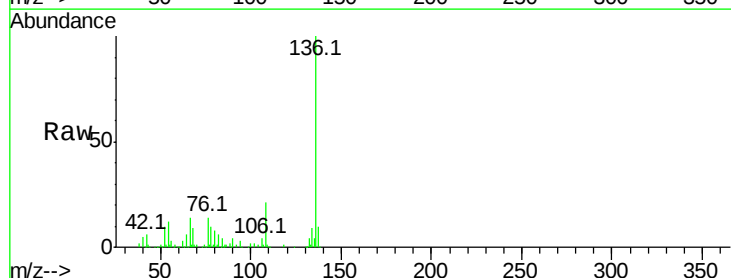
Delta R.T. -0.02 min

Lab File: BM011340.D

Acq: 22 Aug 2017 23:01

Tgt Ion: 136 Resp: 386333

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	11.5	4.6	6.8#
68	8.7	3.7	5.5#

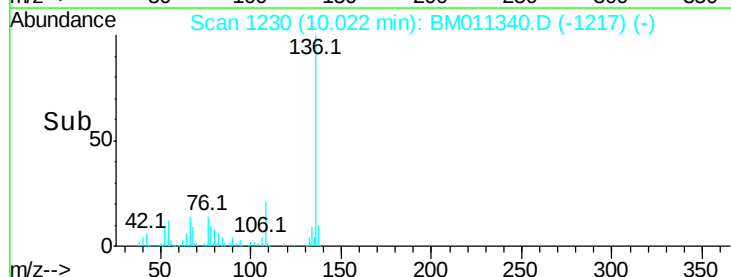
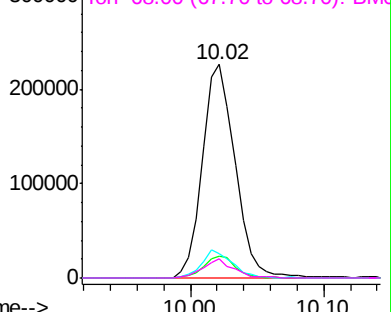


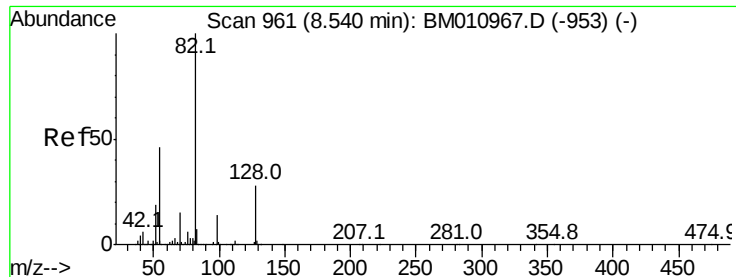
Abundance Ion 136.00 (135.70 to 136.70): BM011340.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011340.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011340.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011340.D (-1217) (-)

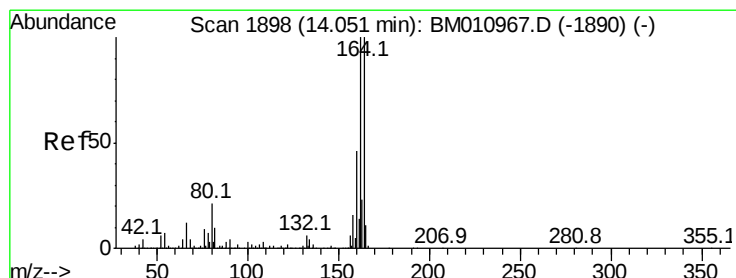
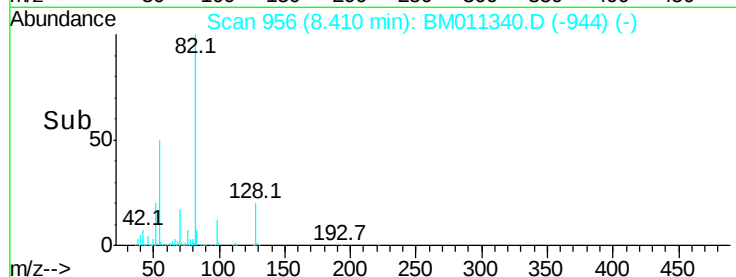
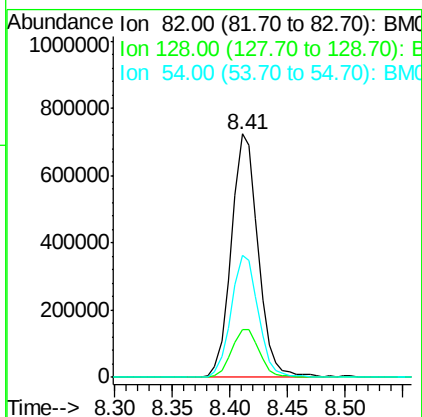
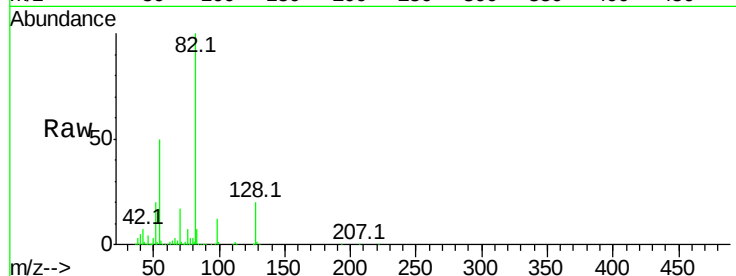




#23
Nitrobenzene-d5
Concen: 113.400 ng
RT: 8.41 min Scan# 956
Delta R.T. -0.03 min
Lab File: BM011340.D
Acq: 22 Aug 2017 23:01

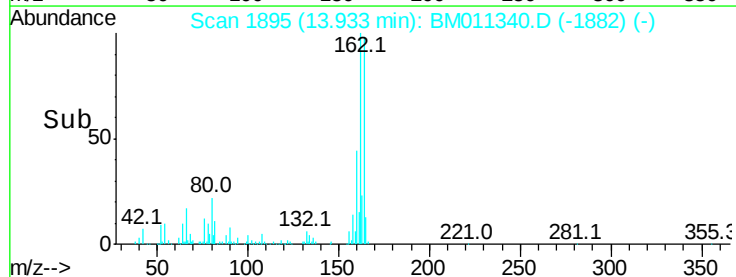
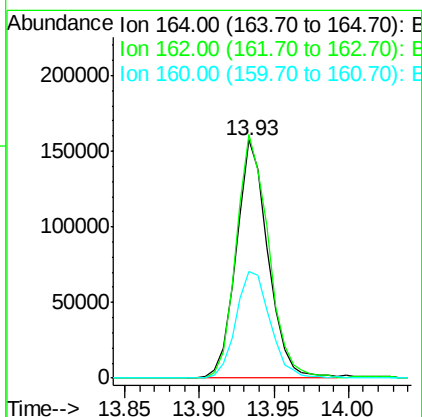
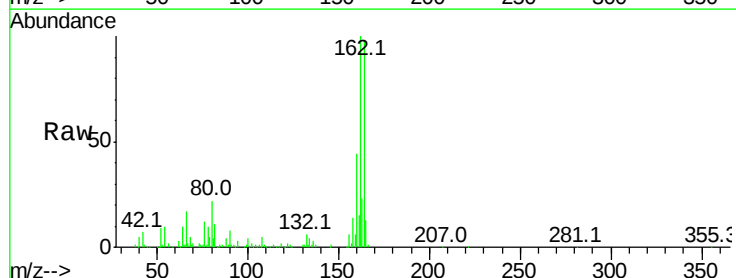
Instrument :
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SU-04-082117

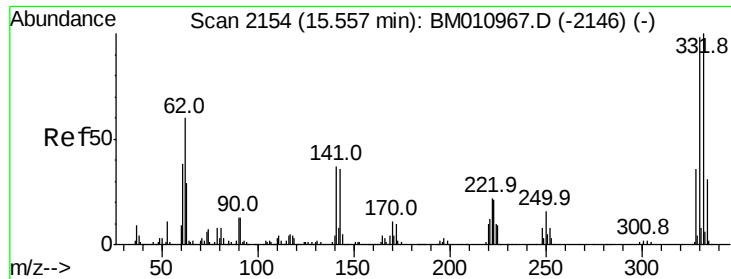
Tot Ion: 82 Resp: 1167288
Ion Ratio Lower Upper
82 100
128 19.6 32.8 49.2#
54 50.1 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.93 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BM011340.D
Acq: 22 Aug 2017 23:01

Tgt Ion:164 Resp: 232431
Ion Ratio Lower Upper
164 100
162 102.2 82.4 123.6
160 44.8 35.8 53.6

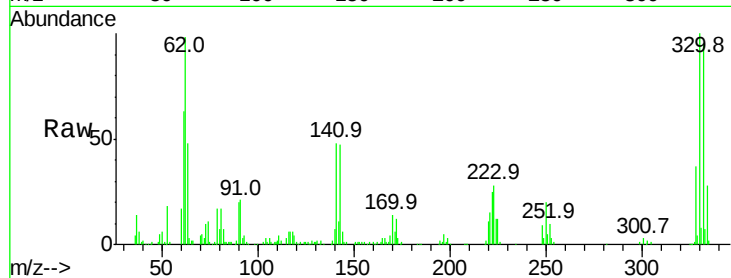




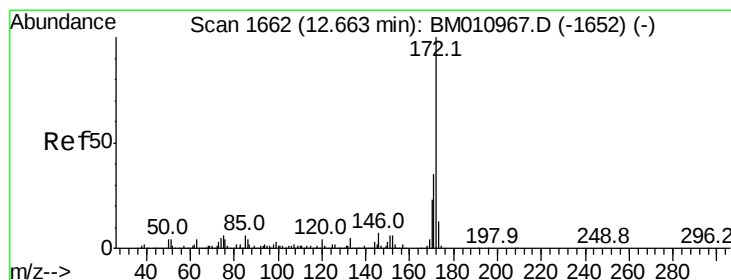
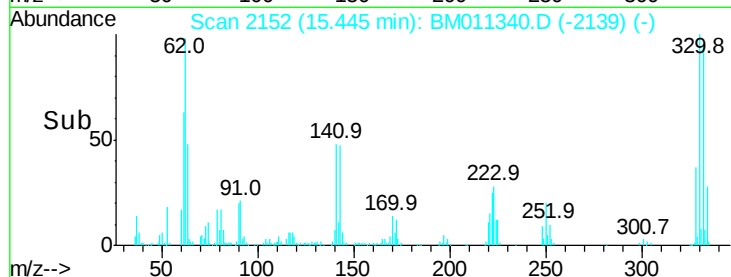
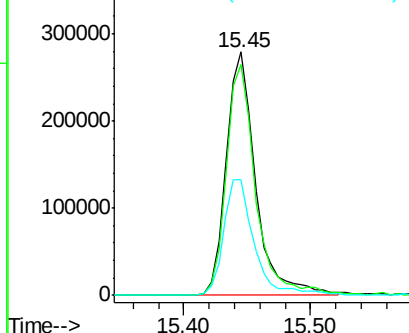
#41
 2,4,6-Tribromophenol
 Concen: 120.457 ng
 RT: 15.45 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011340.D
 Acq: 22 Aug 2017 23:01

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-082117

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	0.0	0.0#
141	49.5	0.0	0.0#

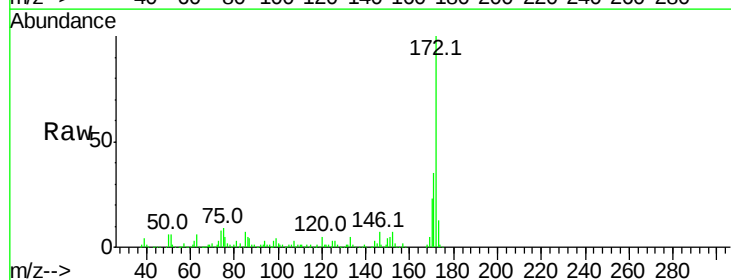


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

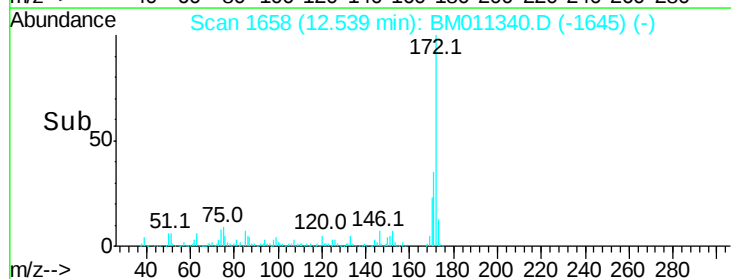
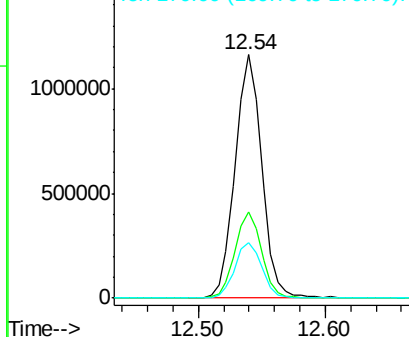


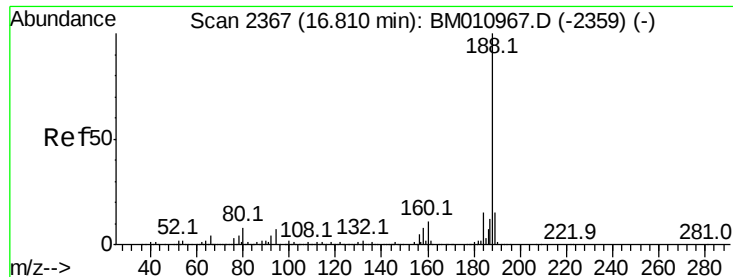
#44
 2-Fluorobiphenyl
 Concen: 91.055 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011340.D
 Acq: 22 Aug 2017 23:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	22.9	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

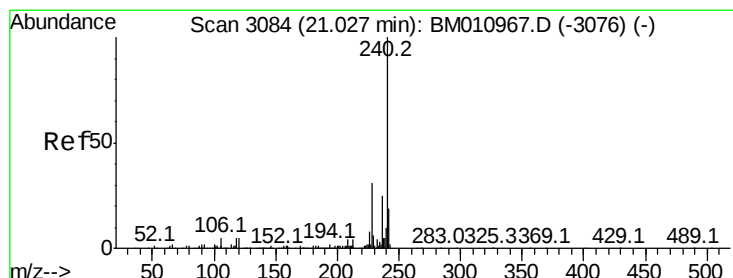
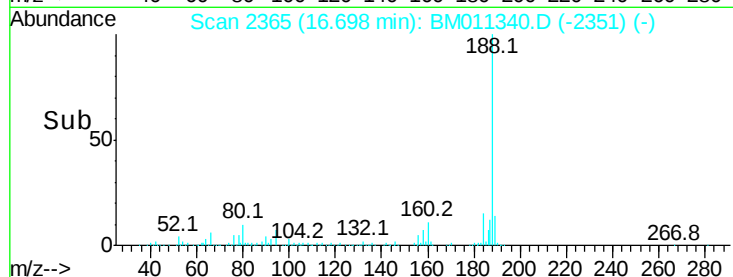
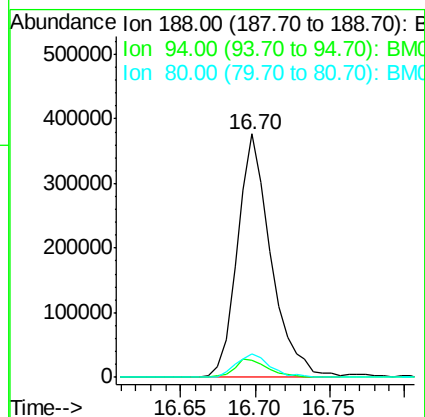
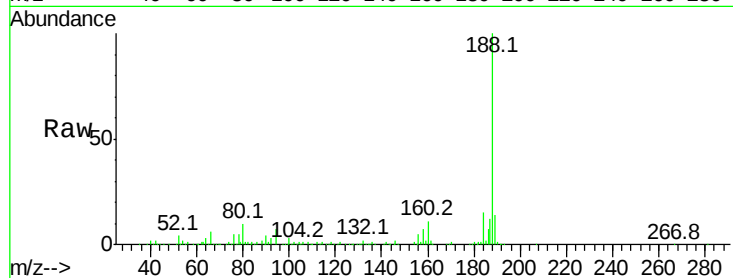




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011340.D
Acq: 22 Aug 2017 23:01

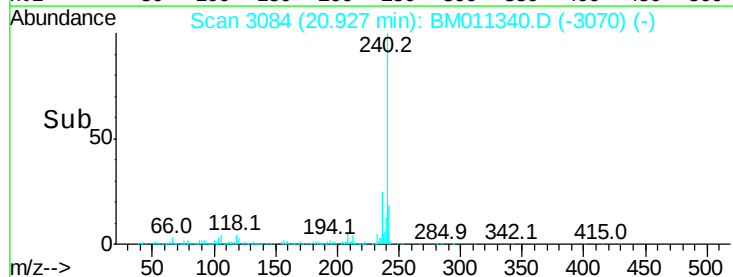
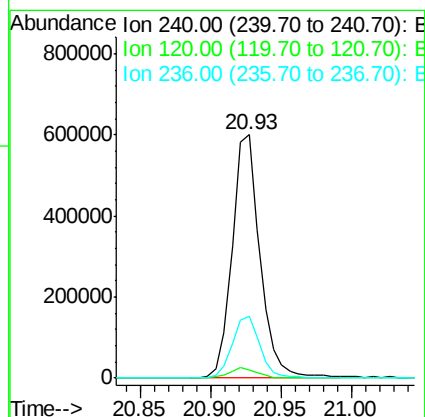
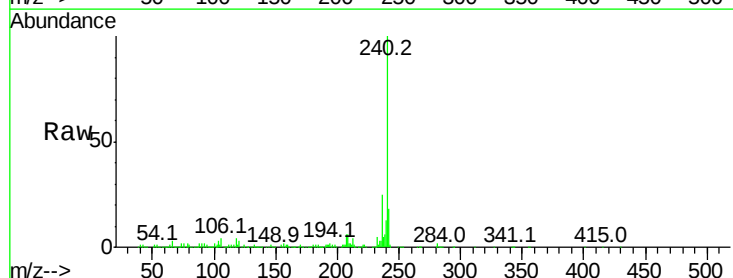
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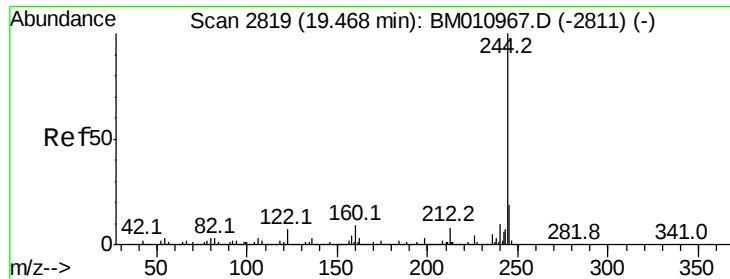
Tot Ion:188 Resp: 591112
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 9.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011340.D
Acq: 22 Aug 2017 23:01

Tgt Ion:240 Resp: 829276
Ion Ratio Lower Upper
240 100
120 3.3 8.2 12.2#
236 25.4 20.0 30.0





#78

Terphenyl-d14

Concen: 72.552 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011340.D

Acq: 22 Aug 2017 23:01

Instrument :

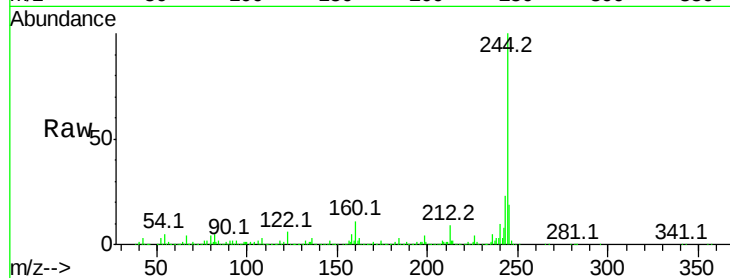
BNA_M

ClientSampleId :

SU-04-082117

Tot Ion:244 Resp: 3037350

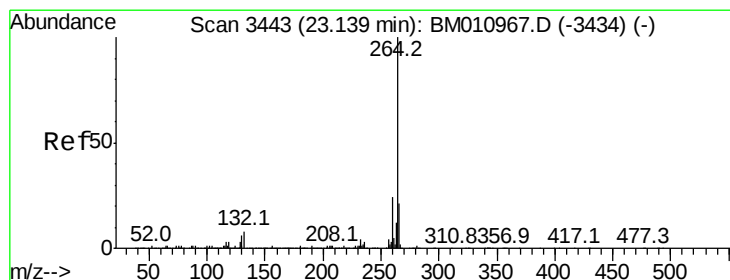
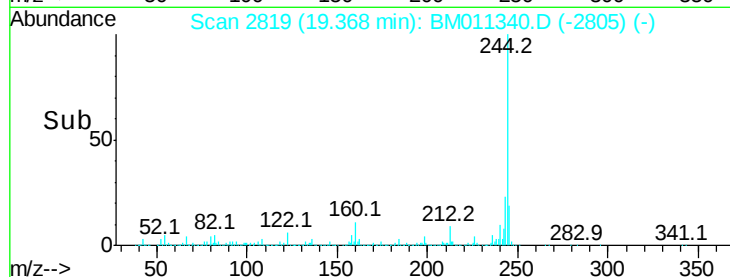
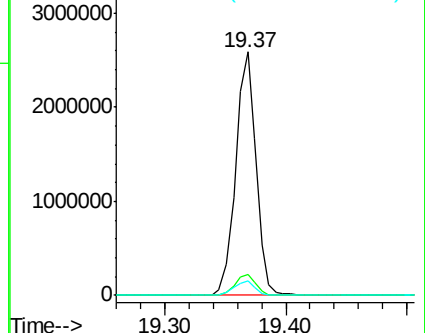
Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.9	7.3#
122	5.9	6.2	9.4#



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: 22.99 min Scan# 3435

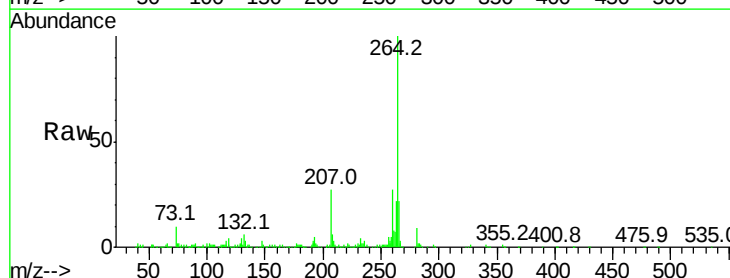
Delta R.T. -0.03 min

Lab File: BM011340.D

Acq: 22 Aug 2017 23:01

Tgt Ion:264 Resp: 561236

Ion	Ratio	Lower	Upper
264	100		
260	26.9	18.6	27.8
265	22.5	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

