

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072618\
 Data File : BM016082.D
 Acq On : 26 Jul 2018 21:11
 Operator : SJ/JU
 Sample : J4135-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CON-WC-S-1-0-25

Quant Time: Jul 27 05:56:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	64914	20.00	ng	-0.03
21) Naphthalene-d8	11.03	136	240464	20.00	ng	-0.03
38) Acenaphthene-d10	14.83	164	132506	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	299641	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	278338	20.00	ng	-0.02
86) Perylene-d12	24.04	264	220267	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	602035	154.06	ng	-0.02
7) Phenol-d6	7.37	99	691925	135.58	ng	-0.02
23) Nitrobenzene-d5	9.39	82	623746	120.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	359685	214.02	ng	-0.02
44) 2-Fluorobiphenyl	13.46	172	1261291	115.82	ng	-0.02
78) Terphenyl-d14	20.14	244	2470882	185.83	ng	-0.02

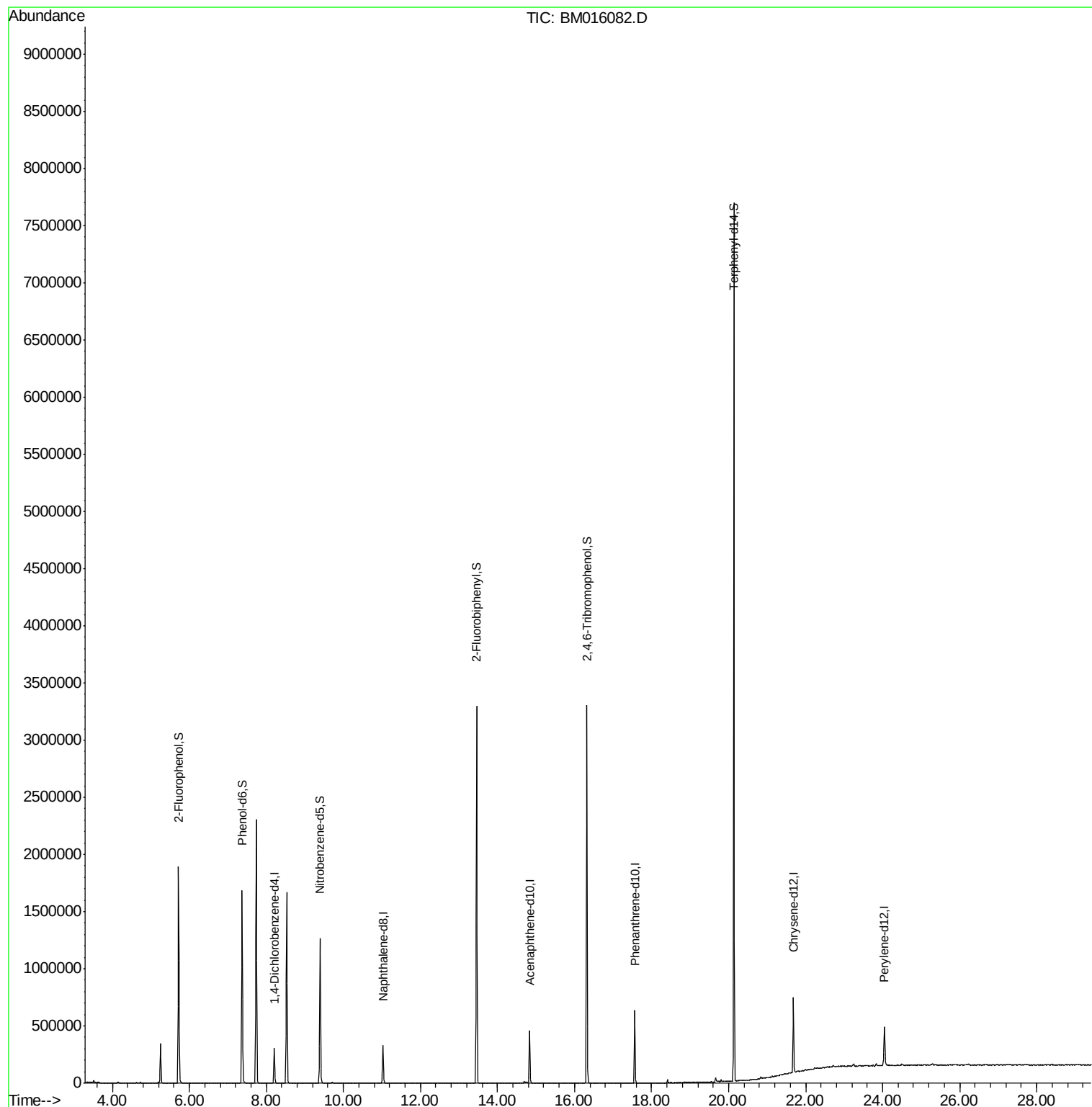
Target Compounds	Qvalue
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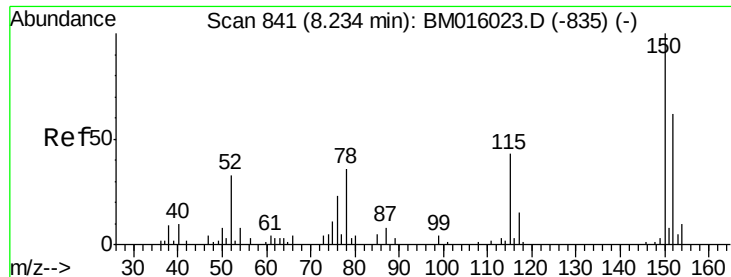
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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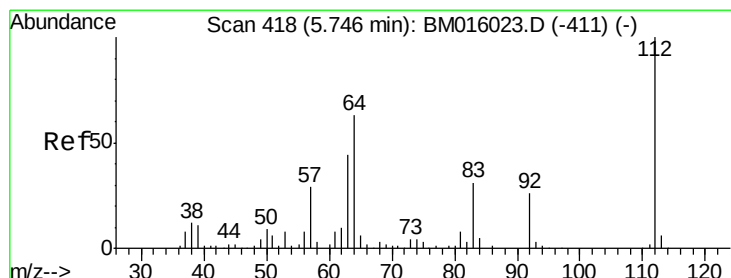
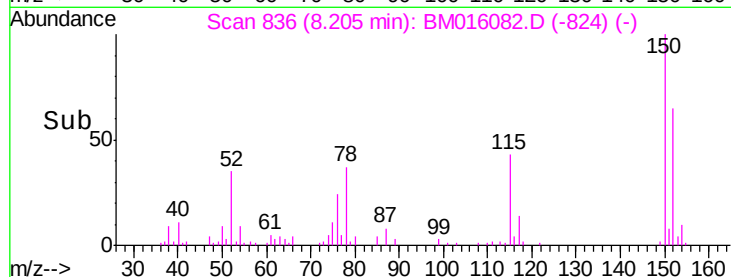
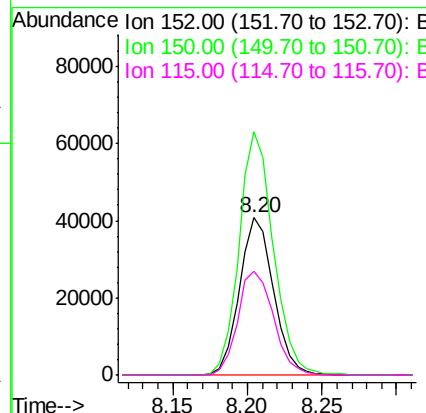
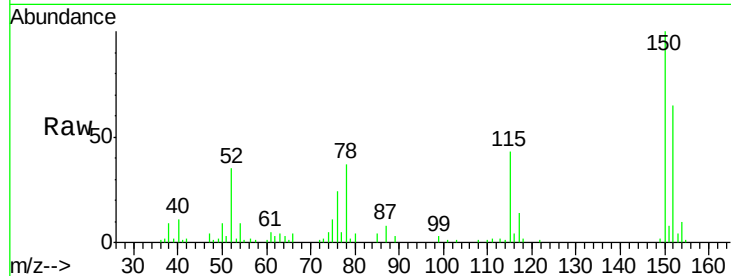


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.20 min Scan# 836
Delta R.T. -0.03 min
Lab File: BM016082.D
Acq: 26 Jul 2018 21:11

Instrument :
BNA_M
ClientSampleId :
CON-WC-S-1-0-25

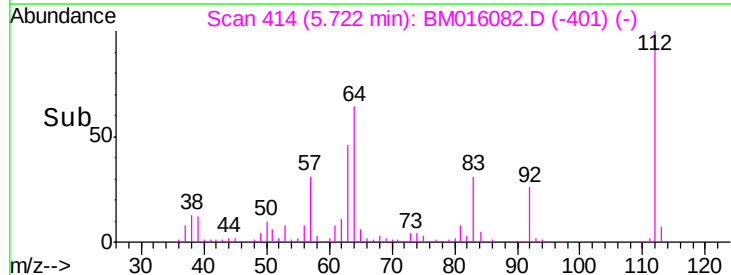
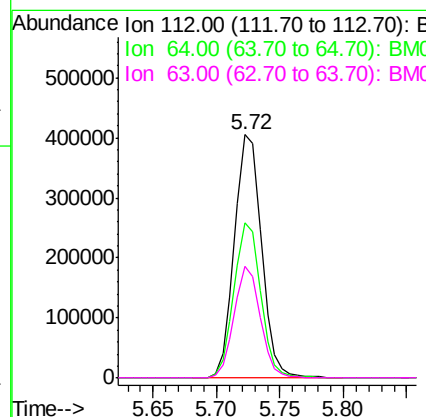
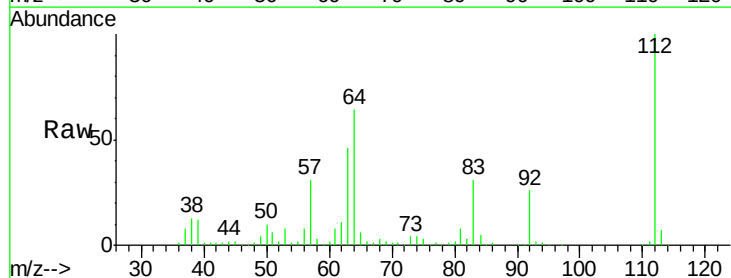
Tgt Ion:152 Resp: 64914
Ion Ratio Lower Upper
152 100
150 154.8 119.5 179.3
115 66.0 43.0 64.4#

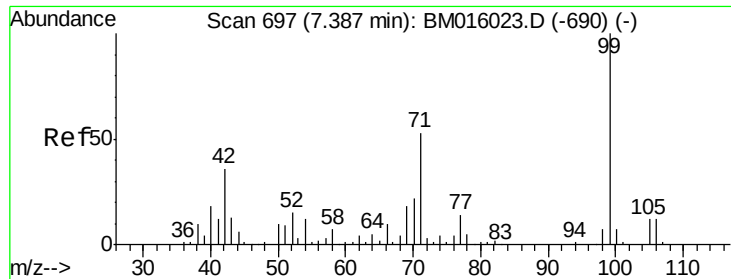


#5

2-Fluorophenol
Concen: Below ng
RT: 5.72 min Scan# 414
Delta R.T. -0.02 min
Lab File: BM016082.D
Acq: 26 Jul 2018 21:11

Tgt Ion:112 Resp: 602035
Ion Ratio Lower Upper
112 100
64 63.6 38.6 57.8#
63 45.8 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.37 min Scan# 694

Delta R.T. -0.02 min

Lab File: BM016082.D

Acq: 26 Jul 2018 21:11

Instrument :

BNA_M

ClientSampleId :

CON-WC-S-1-0-25

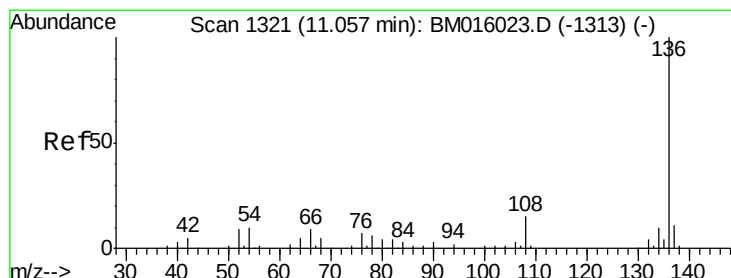
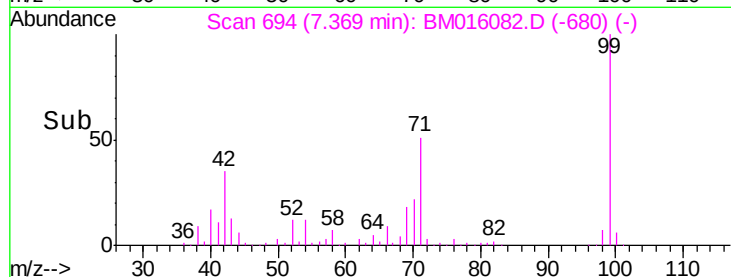
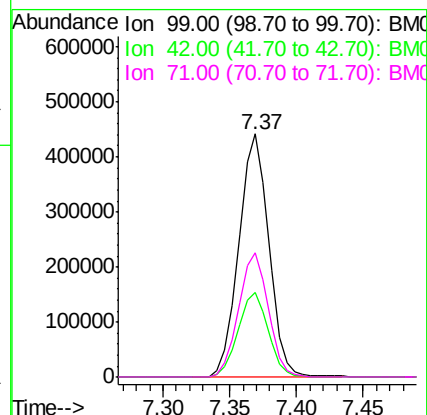
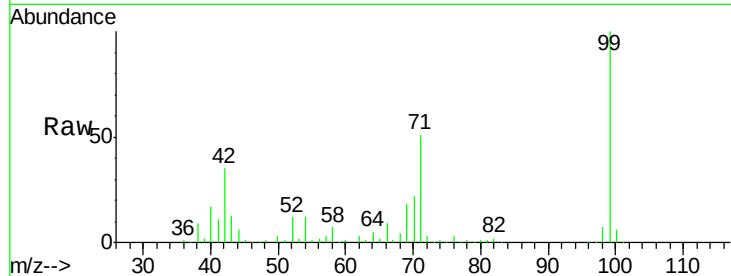
Tgt Ion: 99 Resp: 691925

Ion Ratio Lower Upper

99 100

42 34.6 11.0 16.4#

71 51.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.03 min Scan# 1316

Delta R.T. -0.03 min

Lab File: BM016082.D

Acq: 26 Jul 2018 21:11

Tgt Ion: 136 Resp: 240464

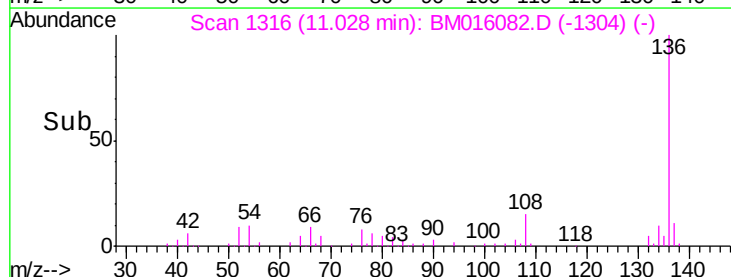
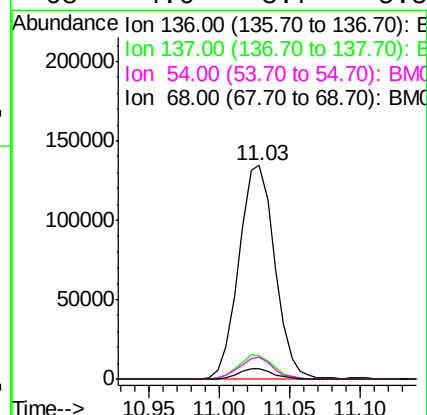
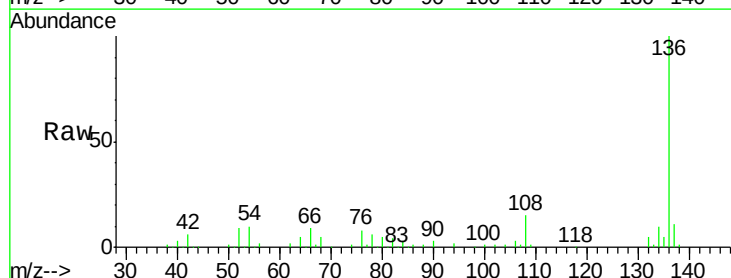
Ion Ratio Lower Upper

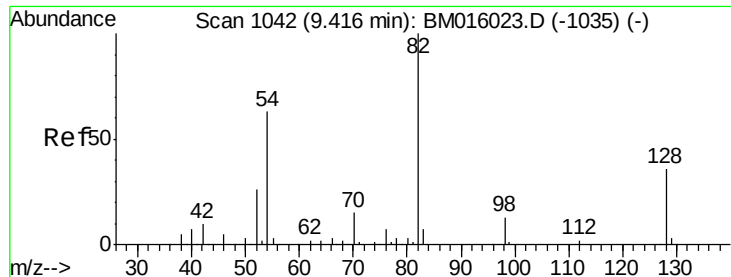
136 100

137 10.9 8.7 13.1

54 10.1 4.6 6.8#

68 4.6 3.7 5.5

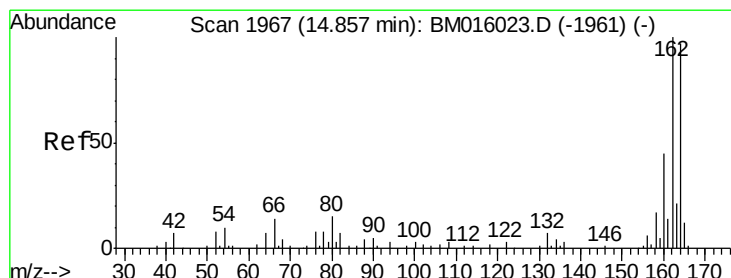
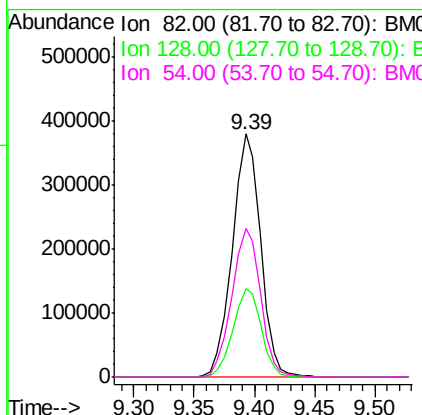
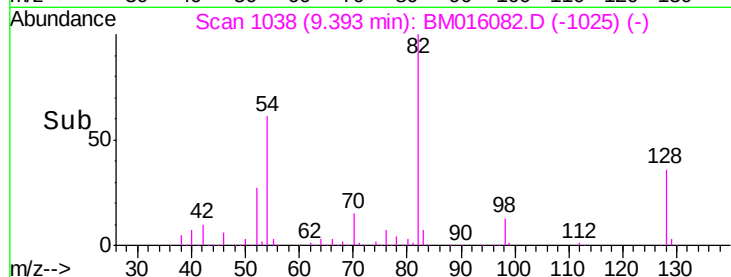
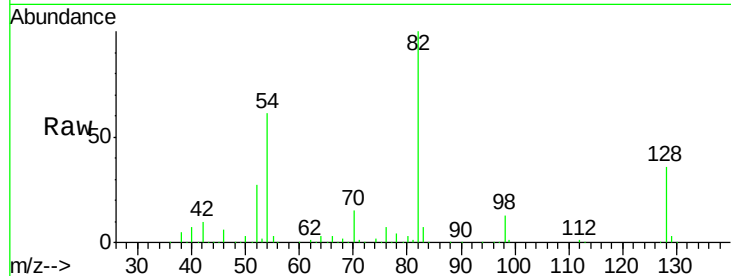




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.39 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BM016082.D
 Acq: 26 Jul 2018 21:11

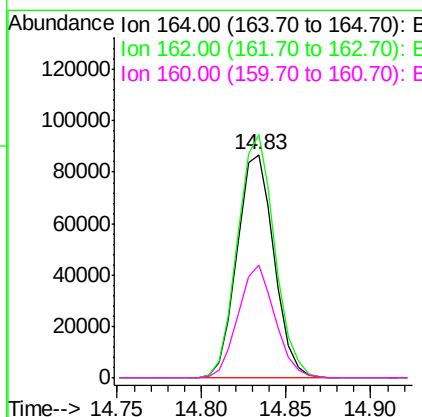
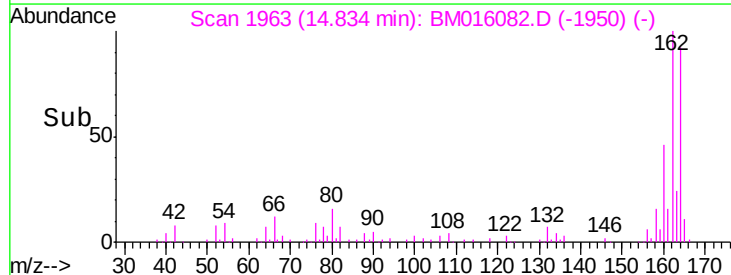
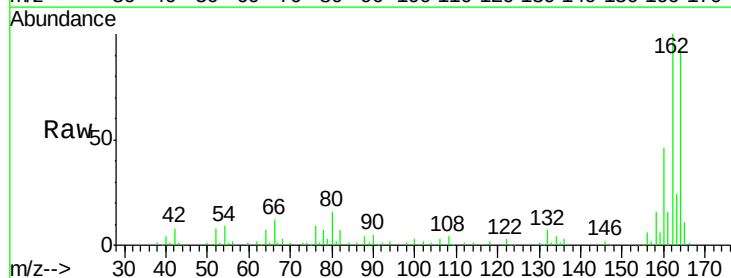
Instrument :
 BNA_M
 ClientSampleId :
 CON-WC-S-1-0-25

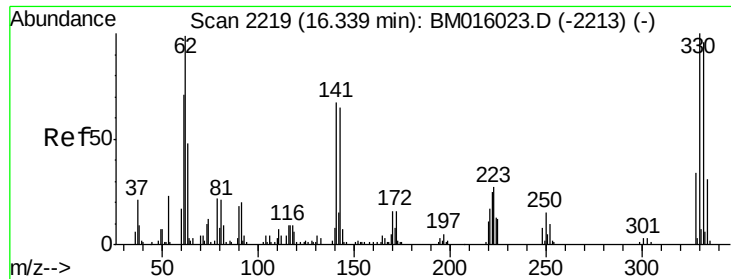
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.5	32.8	49.2
54	61.3	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.83 min Scan# 1963
 Delta R.T. -0.02 min
 Lab File: BM016082.D
 Acq: 26 Jul 2018 21:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.9	82.4	123.6
160	50.5	35.8	53.6

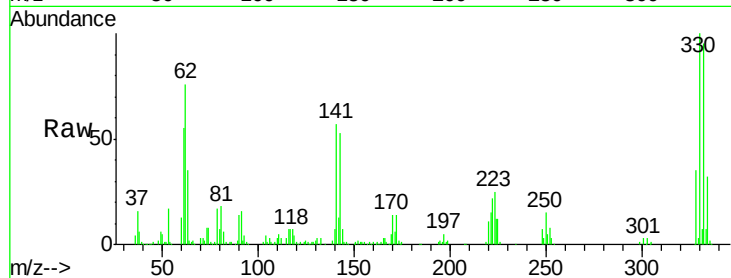




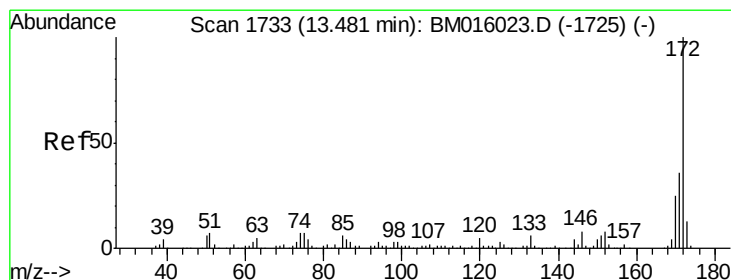
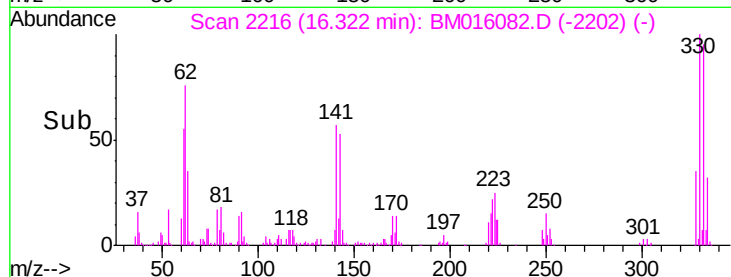
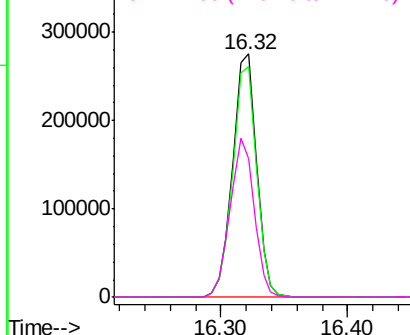
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.32 min Scan# 2216
 Delta R.T. -0.02 min
 Lab File: BM016082.D
 Acq: 26 Jul 2018 21:11

Instrument :
 BNA_M
 ClientSampleId :
 CON-WC-S-1-0-25

Tgt Ion: 330 Resp: 359685
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 65.7 0.0 0.0#

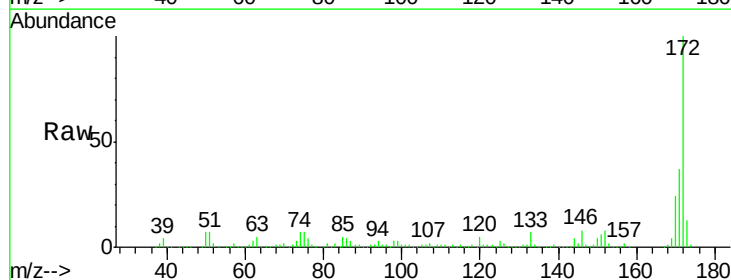


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

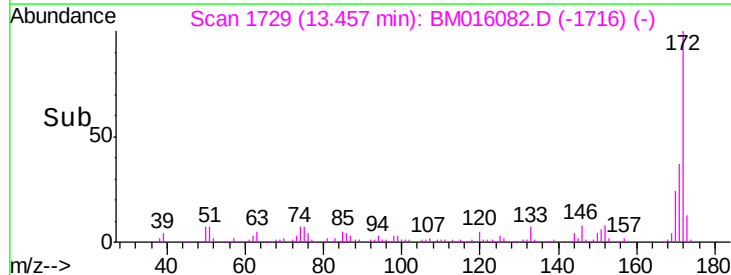
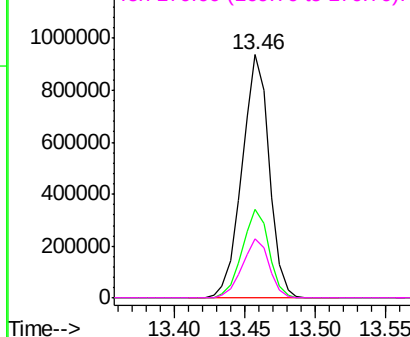


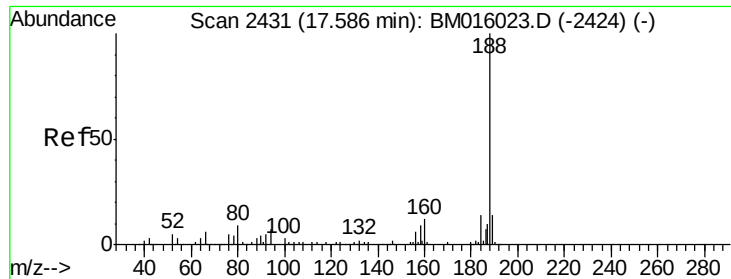
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.46 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BM016082.D
 Acq: 26 Jul 2018 21:11

Tgt Ion: 172 Resp: 1261291
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

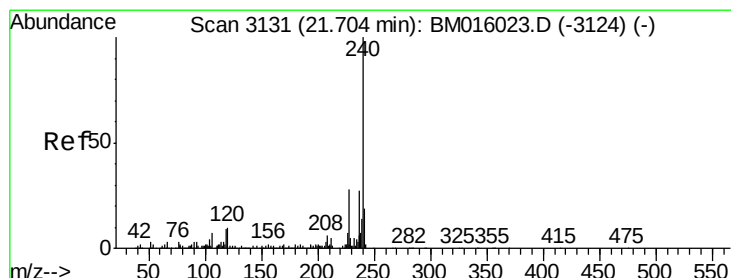
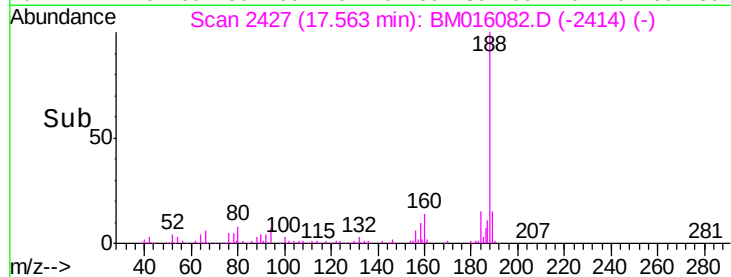
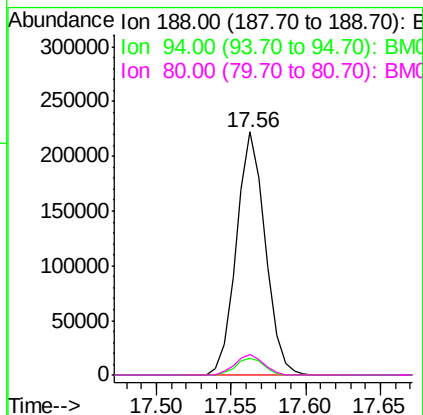
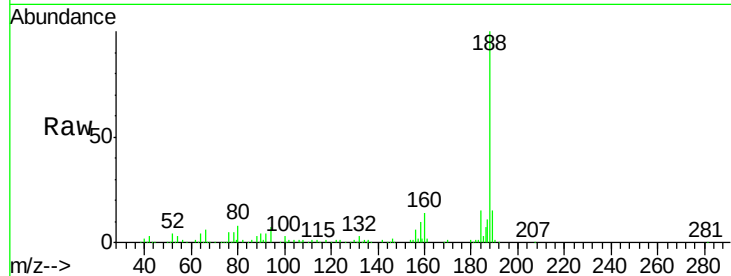




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.56 min Scan# 2427
Delta R.T. -0.02 min
Lab File: BM016082.D
Acq: 26 Jul 2018 21:11

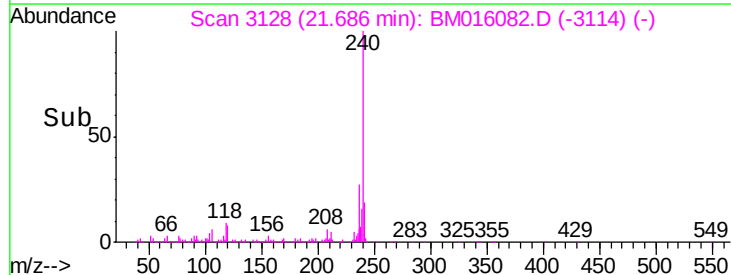
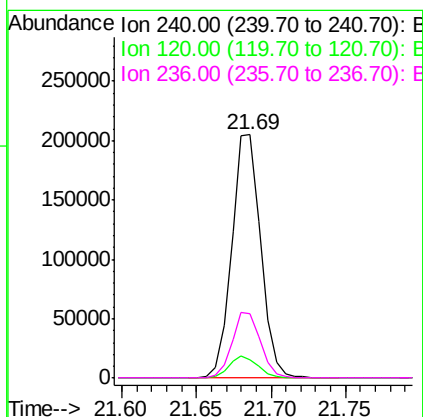
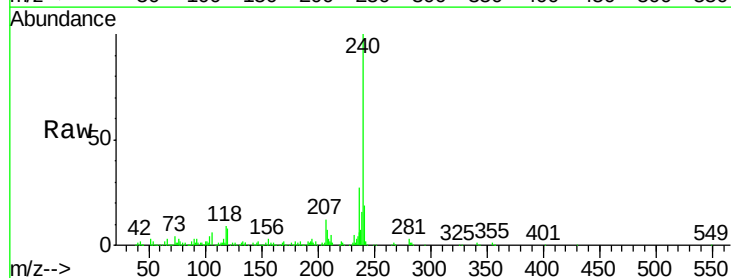
Instrument :
BNA_M
ClientSampleId :
CON-WC-S-1-0-25

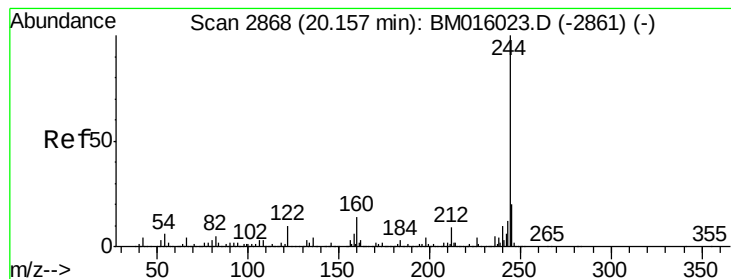
Tgt Ion:188 Resp: 299641
Ion Ratio Lower Upper
188 100
94 7.2 8.7 13.1#
80 8.4 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM016082.D
Acq: 26 Jul 2018 21:11

Tgt Ion:240 Resp: 278338
Ion Ratio Lower Upper
240 100
120 7.7 8.2 12.2#
236 26.7 20.0 30.0





#78

Terphenyl-d14

Concen: Below ng

RT: 20.14 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BM016082.D

Acq: 26 Jul 2018 21:11

Instrument :

BNA_M

ClientSampleId :

CON-WC-S-1-0-25

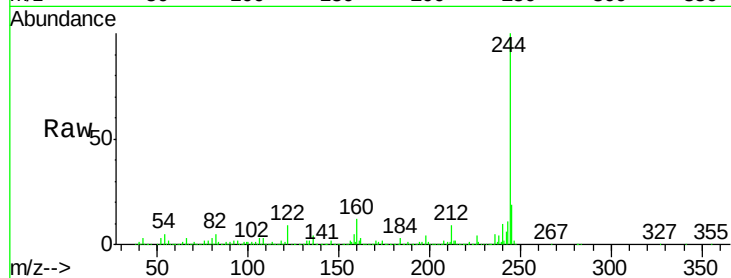
Tgt Ion:244 Resp: 2470882

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

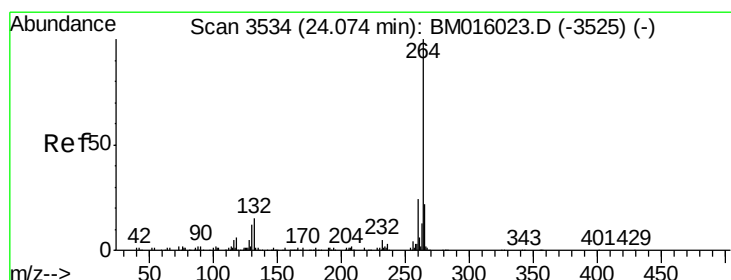
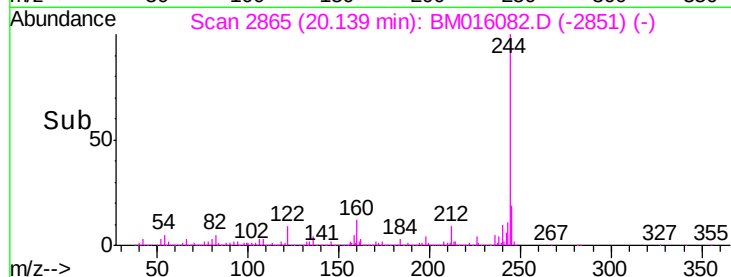
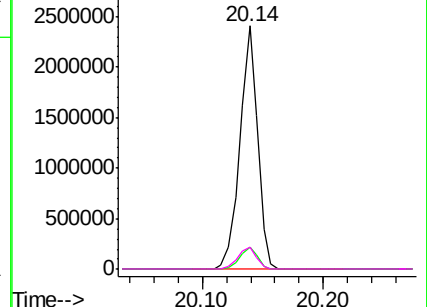
122 9.2 6.2 9.4



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: 24.04 min Scan# 3529

Delta R.T. -0.03 min

Lab File: BM016082.D

Acq: 26 Jul 2018 21:11

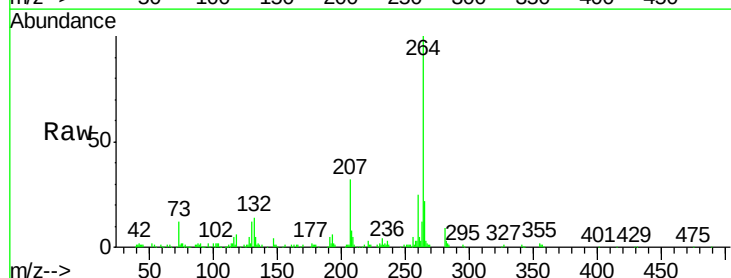
Tgt Ion:264 Resp: 220267

Ion Ratio Lower Upper

264 100

260 24.8 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

