

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072618\
 Data File : BM016083.D
 Acq On : 26 Jul 2018 21:48
 Operator : SJ/JU
 Sample : J4135-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CON-WC-S-2-0-11

Quant Time: Jul 27 05:58:15 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

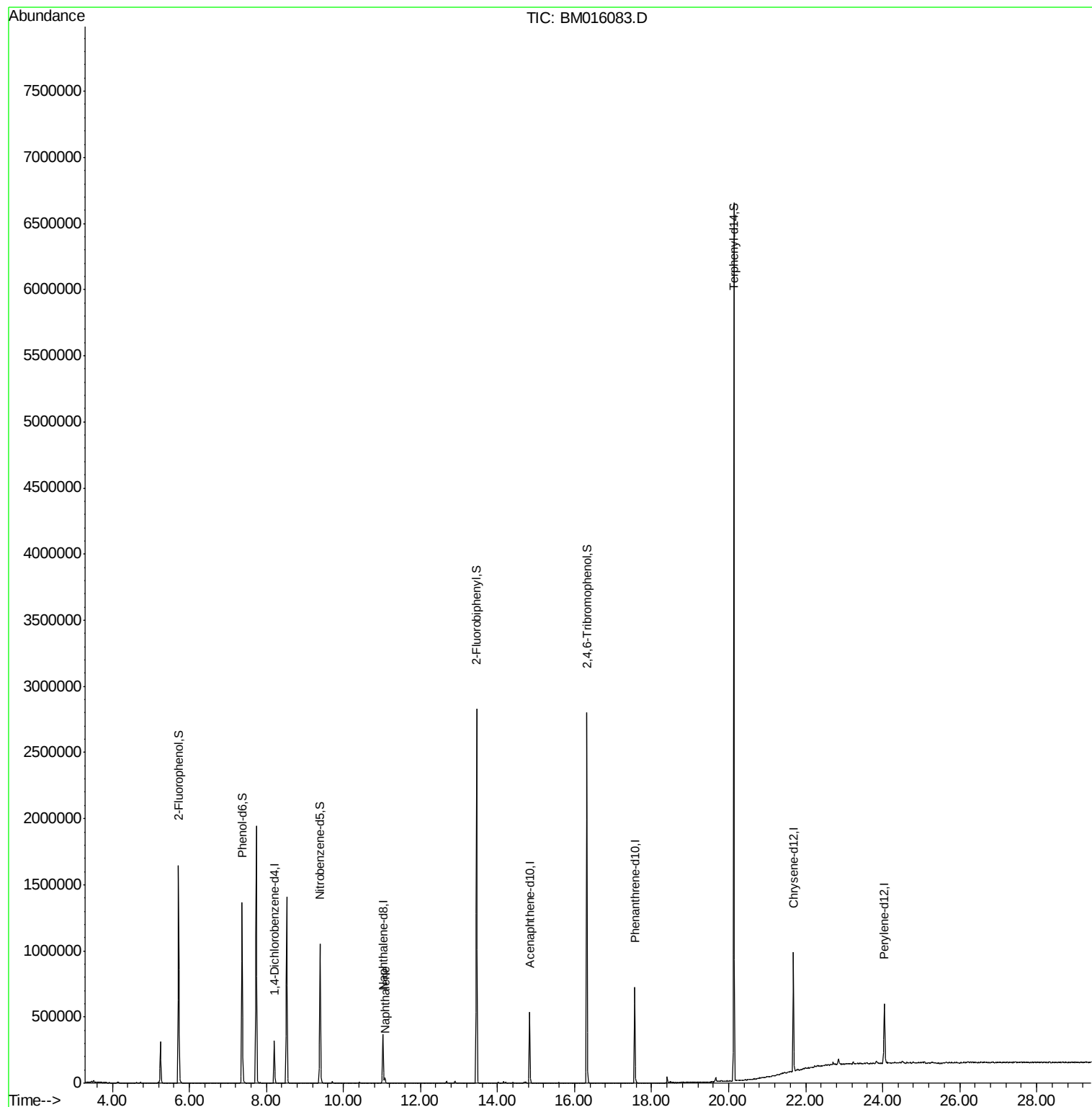
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	67897	20.00	ng	-0.03
21) Naphthalene-d8	11.03	136	258870	20.00	ng	-0.03
38) Acenaphthene-d10	14.83	164	145819	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	345466	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	351328	20.00	ng	-0.02
86) Perylene-d12	24.04	264	294844	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	520085	127.24	ng	-0.02
7) Phenol-d6	7.37	99	544058	101.92	ng	-0.02
23) Nitrobenzene-d5	9.39	82	520867	93.58	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	297030	160.60	ng	-0.02
44) 2-Fluorobiphenyl	13.46	172	1065970	88.95	ng	-0.02
78) Terphenyl-d14	20.14	244	2161442	128.78	ng	-0.02
Target Compounds						
31) Naphthalene	11.07	128	28583	2.182	ng	Qvalue 99

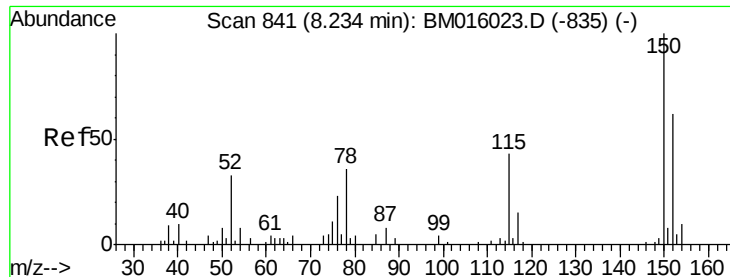
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM016083.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_M

ClientSampleId :

CON-WC-S-2-0-11

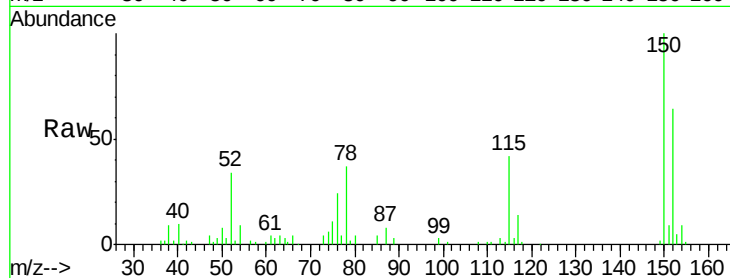
Tgt Ion:152 Resp: 67897

Ion Ratio Lower Upper

152 100

150 155.8 119.5 179.3

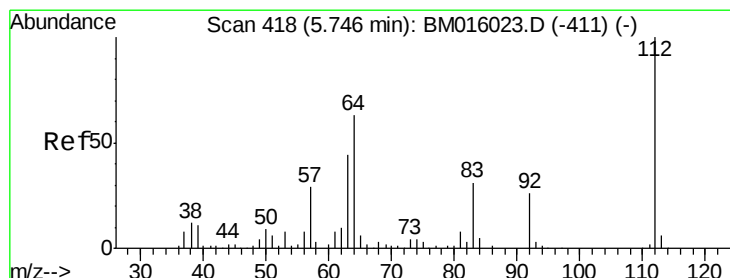
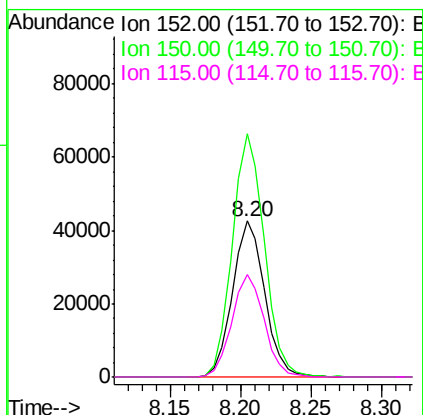
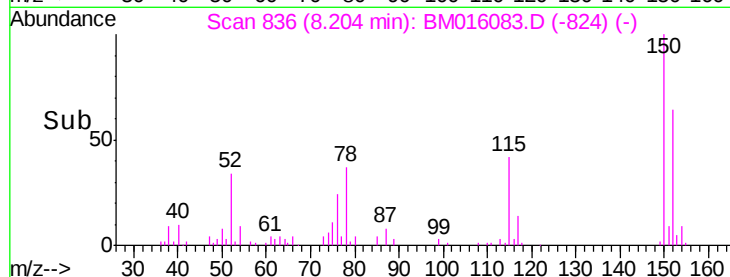
115 65.8 43.0 64.4#



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: Below ng

RT: 5.72 min Scan# 414

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

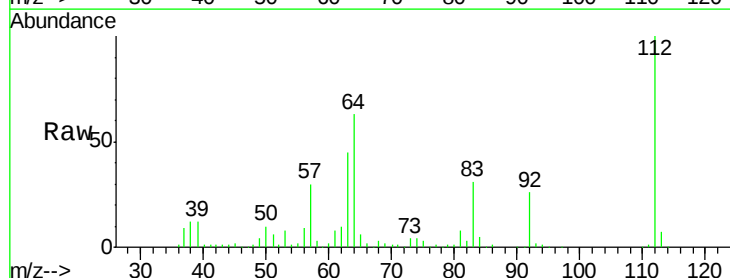
Tgt Ion:112 Resp: 520085

Ion Ratio Lower Upper

112 100

64 62.6 38.6 57.8#

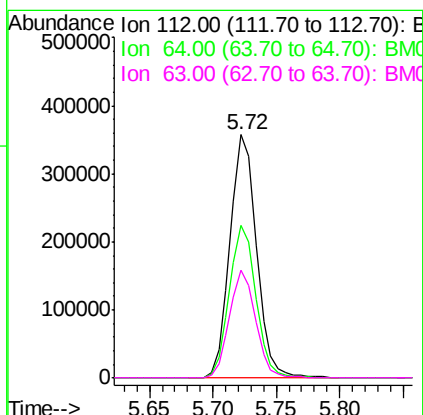
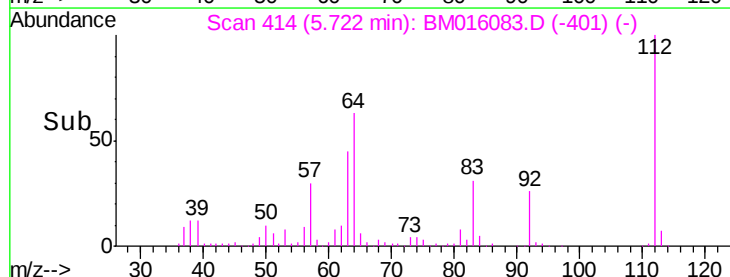
63 44.5 19.3 28.9#



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: N.D. ng

RT: 7.37 min Scan# 694

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_M

ClientSampleId :

CON-WC-S-2-0-11

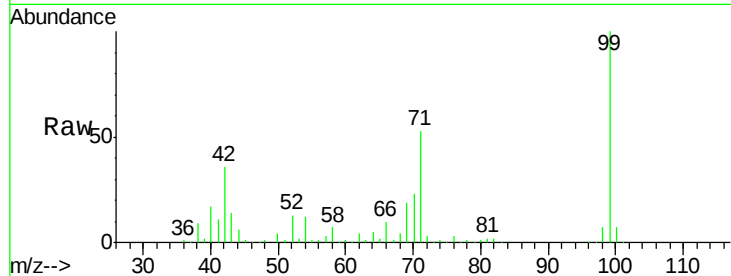
Tgt Ion: 99 Resp: 544058

Ion Ratio Lower Upper

99 100

42 36.5 11.0 16.4#

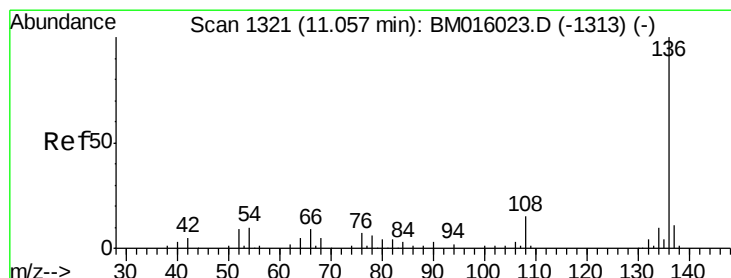
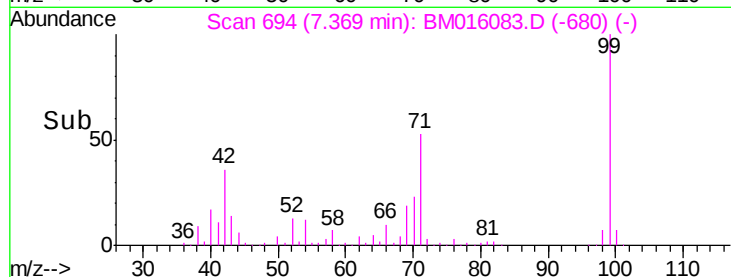
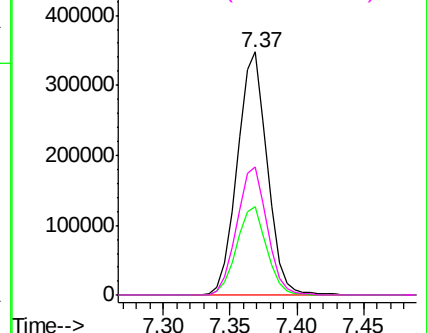
71 52.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.03 min Scan# 1316

Delta R.T. -0.03 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

Tgt Ion: 136 Resp: 258870

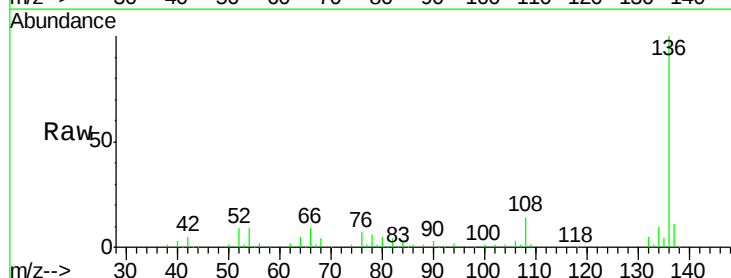
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.2 4.6 6.8#

68 3.8 3.7 5.5

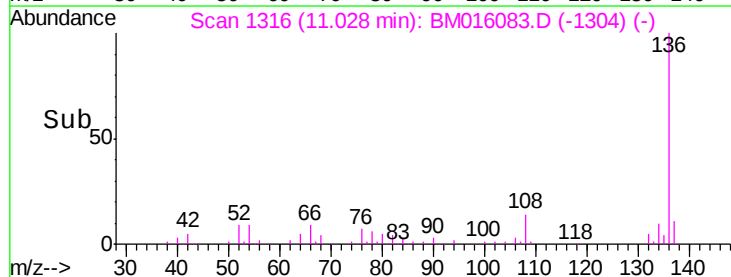
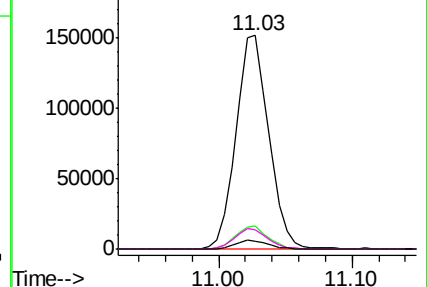


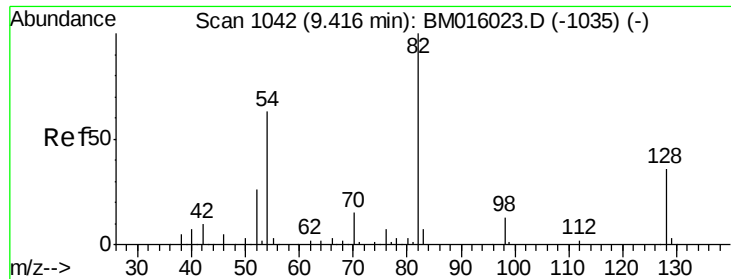
Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

Ion 137.00 (136.70 to 137.70): BM016023.D (-1313) (-)

Ion 54.00 (53.70 to 54.70): BM016023.D (-1313) (-)

Ion 68.00 (67.70 to 68.70): BM016023.D (-1313) (-)

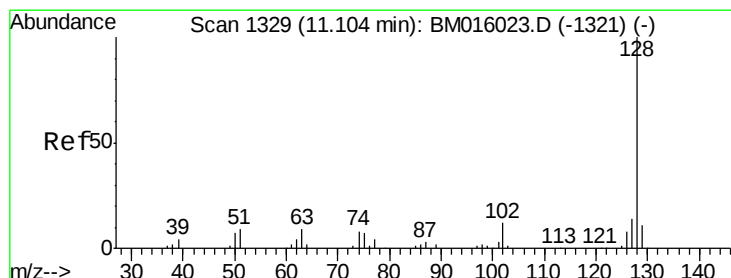
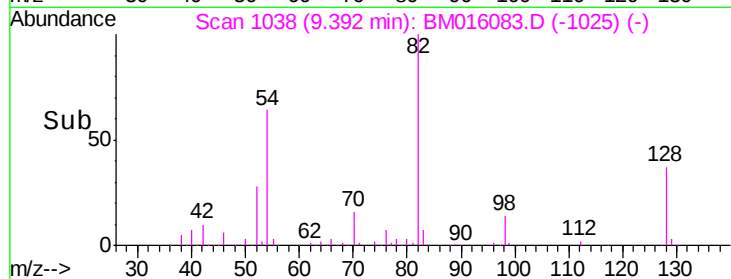
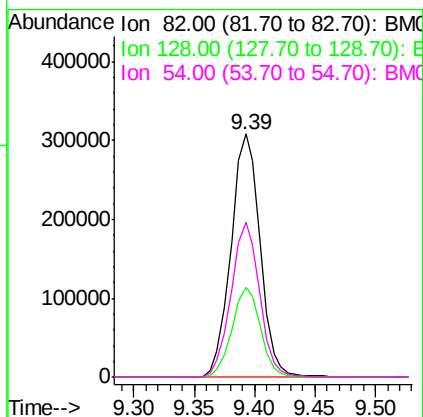
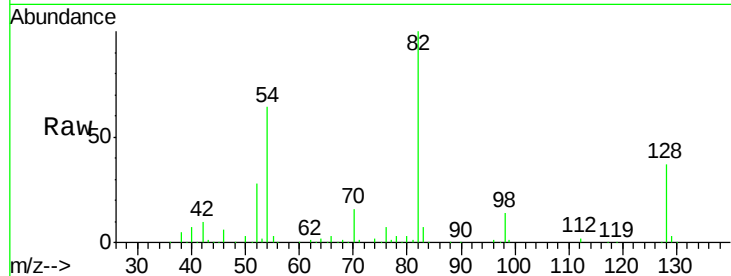




#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

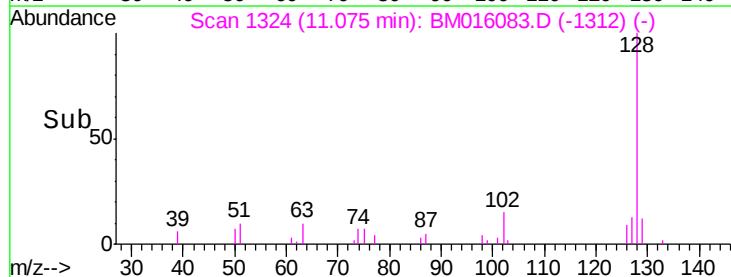
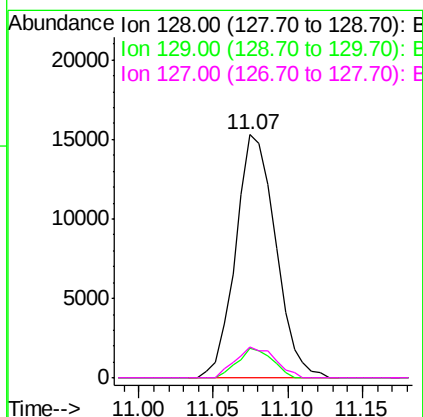
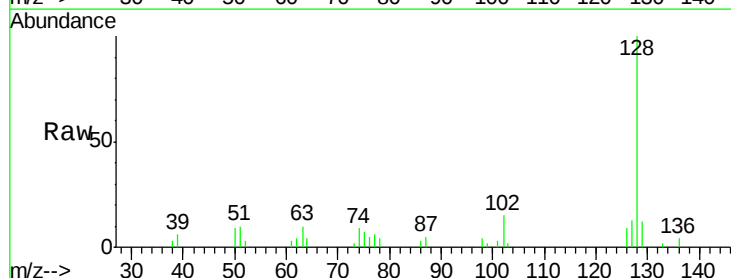
Instrument :
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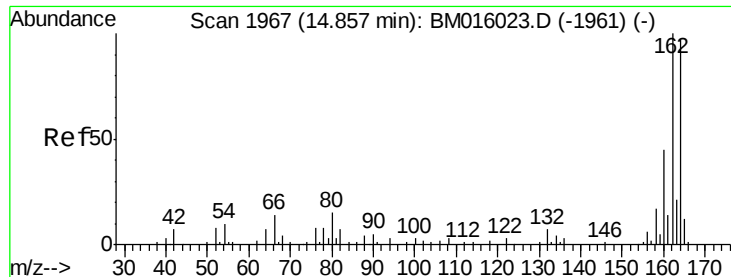
Tgt Ion: 82 Resp: 520867
Ion Ratio Lower Upper
82 100
128 36.9 32.8 49.2
54 63.9 40.6 60.8#



#31
Naphthalene
Concen: 2.182 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

Tgt Ion: 128 Resp: 28583
Ion Ratio Lower Upper
128 100
129 12.2 8.9 13.3
127 13.0 10.4 15.6





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.83 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_M

ClientSampleId :

CON-WC-S-2-0-11

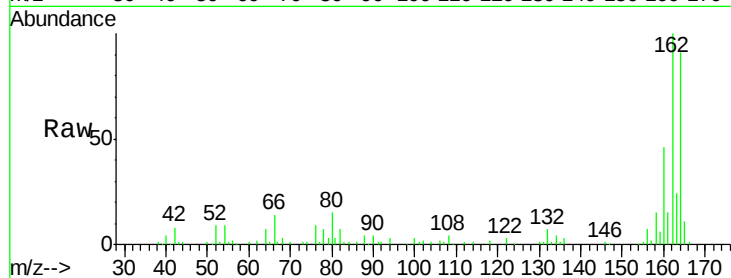
Tgt Ion:164 Resp: 145819

Ion Ratio Lower Upper

164 100

162 110.3 82.4 123.6

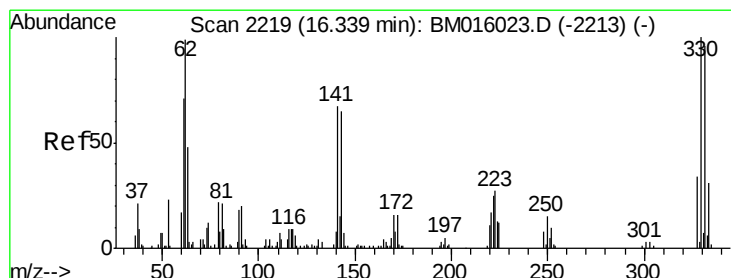
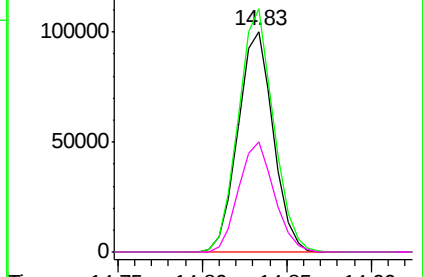
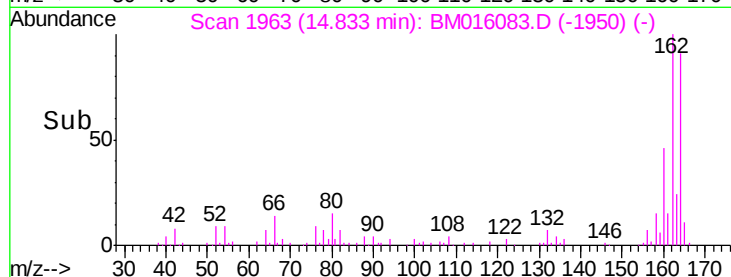
160 50.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.32 min Scan# 2216

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

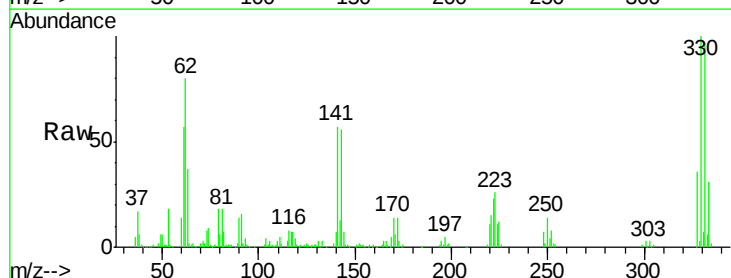
Tgt Ion:330 Resp: 297030

Ion Ratio Lower Upper

330 100

332 96.2 0.0 0.0#

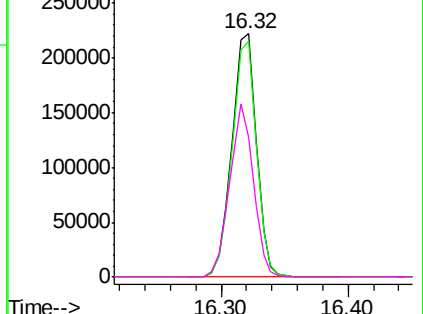
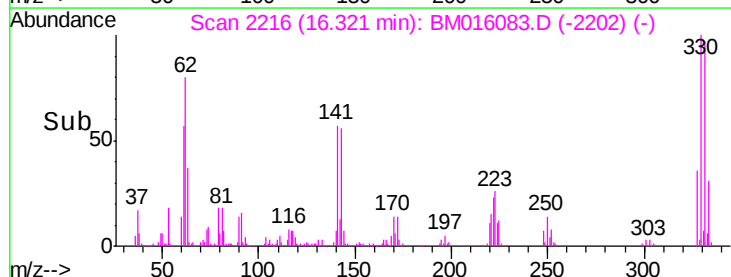
141 68.4 0.0 0.0#



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

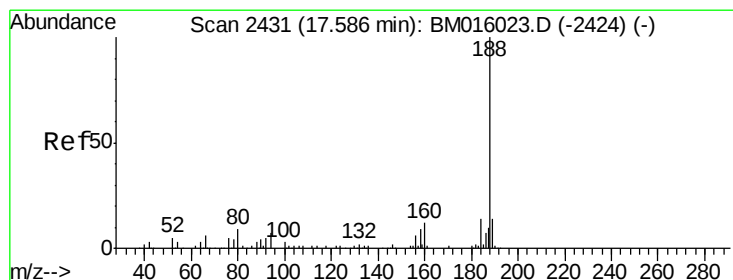
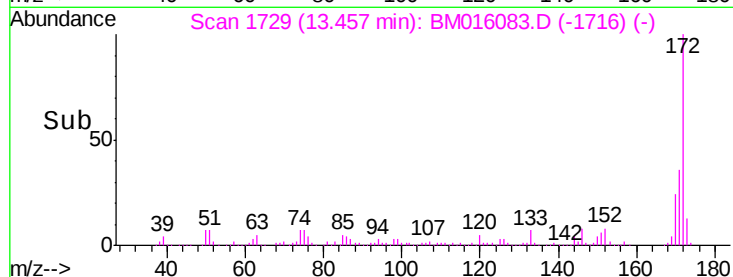
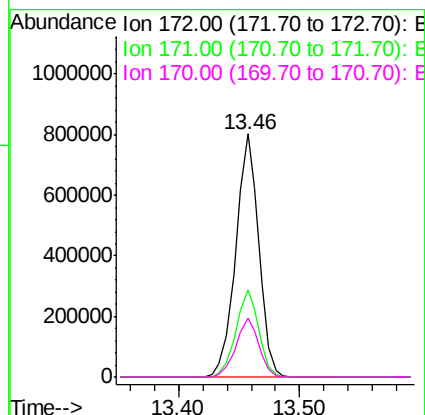
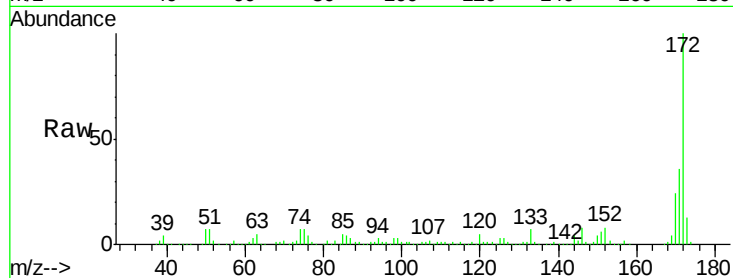




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.46 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

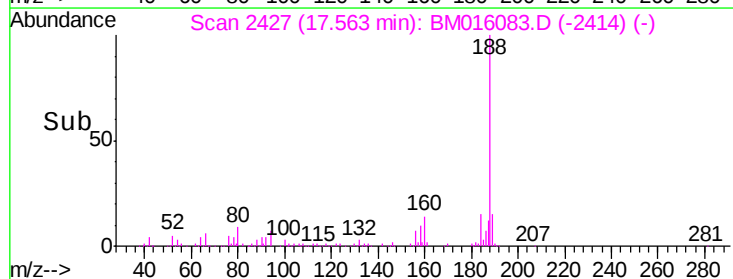
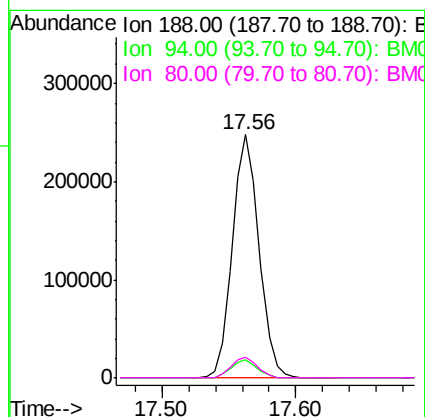
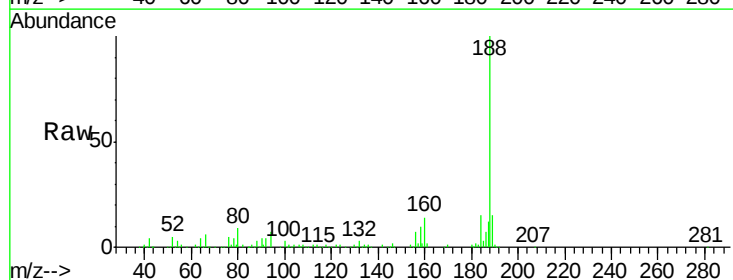
Instrument :
BNA_M
ClientSampleId :
CON-WC-S-2-0-11

Tgt Ion:172 Resp: 1065970
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.4 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.56 min Scan# 2427
Delta R.T. -0.02 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

Tgt Ion:188 Resp: 345466
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 8.8 9.3 13.9#

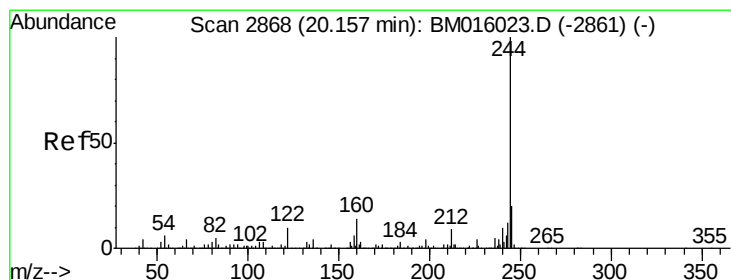
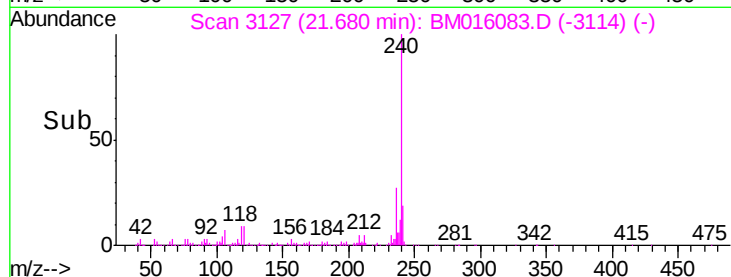
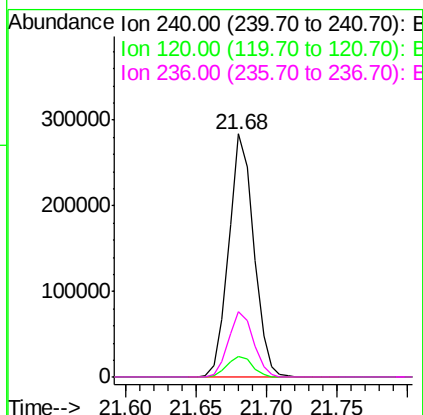
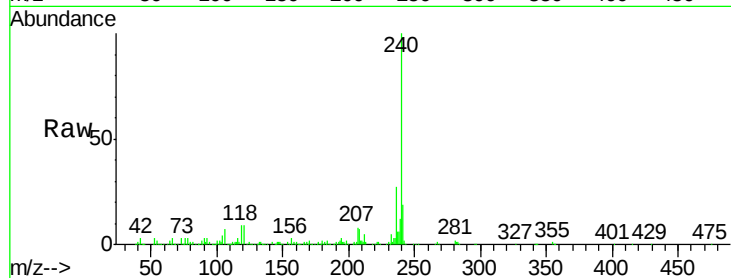




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

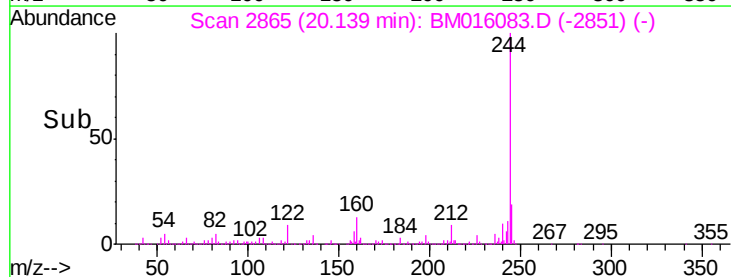
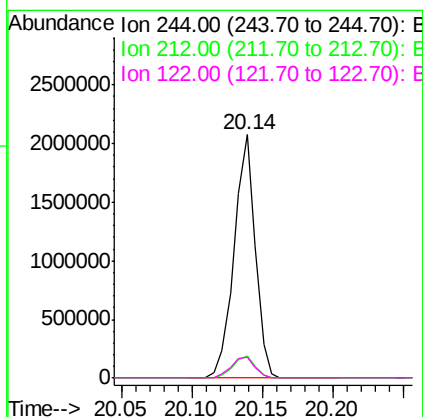
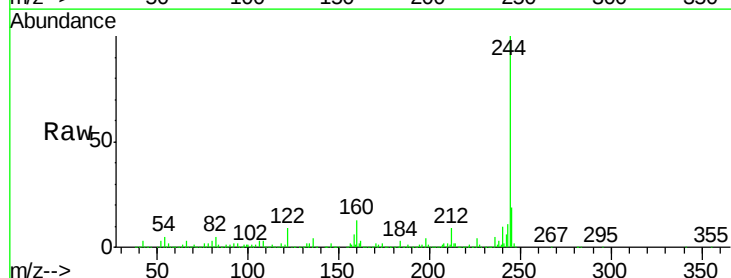
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BNA_M
ClientSampleId :
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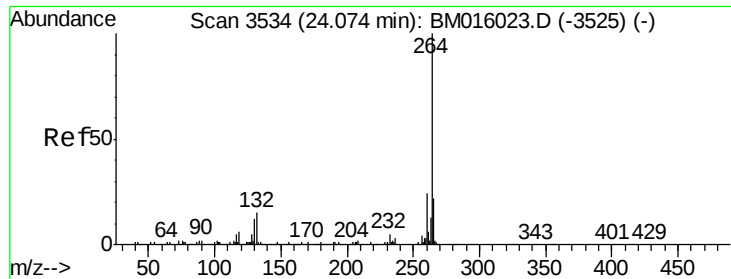
Tgt Ion:240 Resp: 351328
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.2
236 27.1 20.0 30.0



#78
Terphenyl-d14
Concen: Below ng
RT: 20.14 min Scan# 2865
Delta R.T. -0.02 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

Tgt Ion:244 Resp: 2161442
Ion Ratio Lower Upper
244 100
212 9.4 4.9 7.3#
122 8.7 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.04 min Scan# 3529
Delta R.T. -0.03 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.6	27.8
265	22.8	17.3	25.9

