

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072618\
 Data File : BM016084.D
 Acq On : 26 Jul 2018 22:24
 Operator : SJ/JU
 Sample : J4135-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CON-WC-S-3-0-11

Quant Time: Jul 27 06:36:01 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

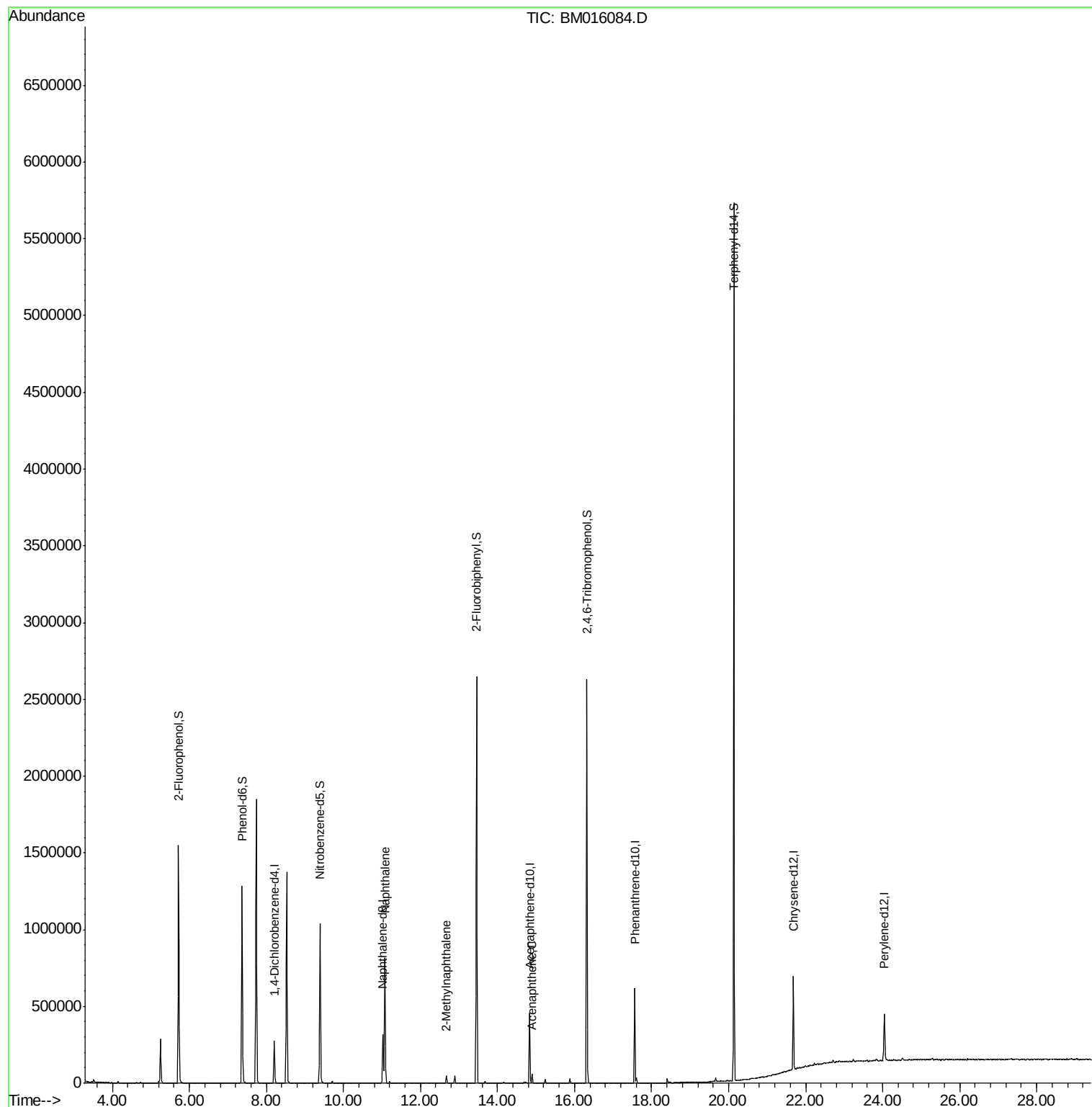
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	58808	20.00	ng	-0.03
21) Naphthalene-d8	11.02	136	216528	20.00	ng	-0.04
38) Acenaphthene-d10	14.83	164	122648	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	295127	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	243438	20.00	ng	-0.02
86) Perylene-d12	24.04	264	195247	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	492377	139.08	ng	-0.02
7) Phenol-d6	7.37	99	522611	113.04	ng	-0.02
23) Nitrobenzene-d5	9.39	82	498876	107.16	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	284845	183.11	ng	-0.02
44) 2-Fluorobiphenyl	13.46	172	1027470	101.93	ng	-0.02
78) Terphenyl-d14	20.14	244	1893113	162.79	ng	-0.02
Target Compounds						
31) Naphthalene	11.07	128	535047	48.824	ng	Qvalue 99
37) 2-Methylnaphthalene	12.67	142	19927	2.714	ng	# 87
51) Acenaphthene	14.90	154	20193	2.605	ng	97

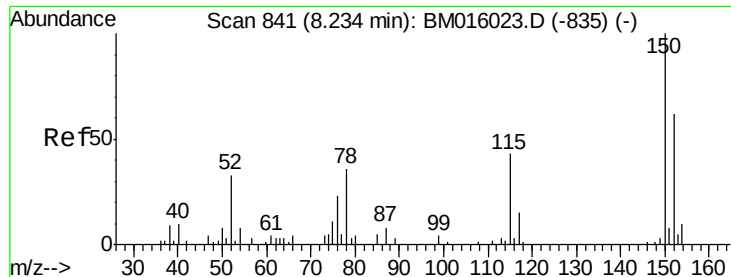
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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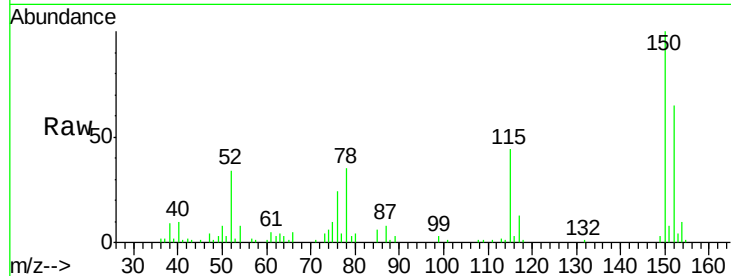


#1

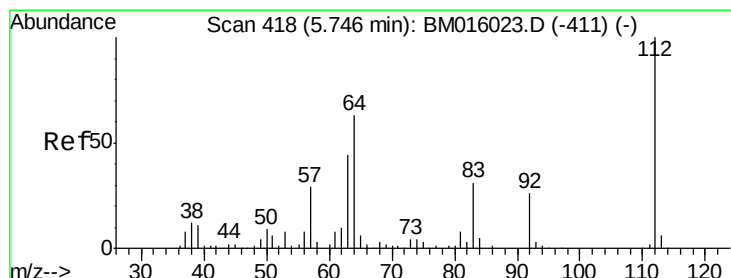
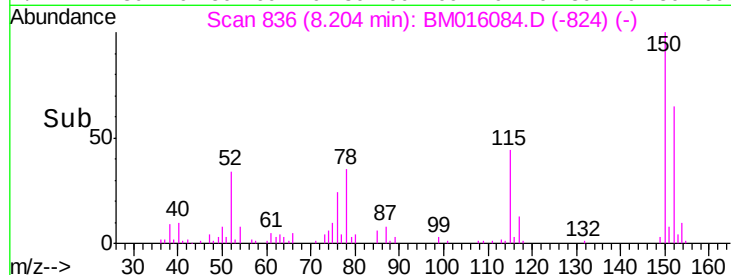
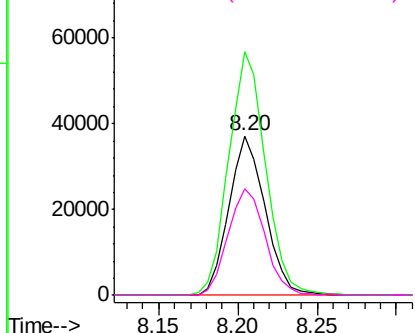
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.20 min Scan# 836
Delta R.T. -0.03 min
Lab File: BM016084.D
Acq: 26 Jul 2018 22:24

Instrument :
BNA_M
ClientSampleId :
CON-WC-S-3-0-11

Tgt Ion:152 Resp: 58808
Ion Ratio Lower Upper
152 100
150 152.9 119.5 179.3
115 67.1 43.0 64.4#



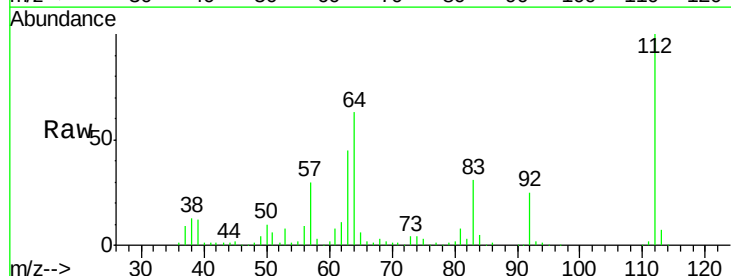
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



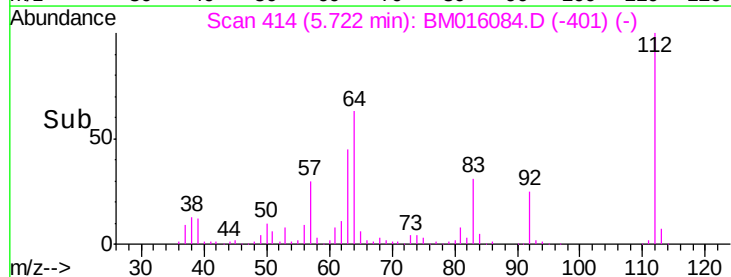
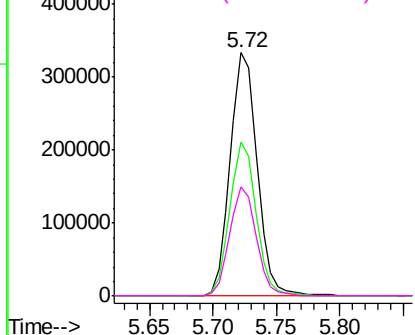
#5

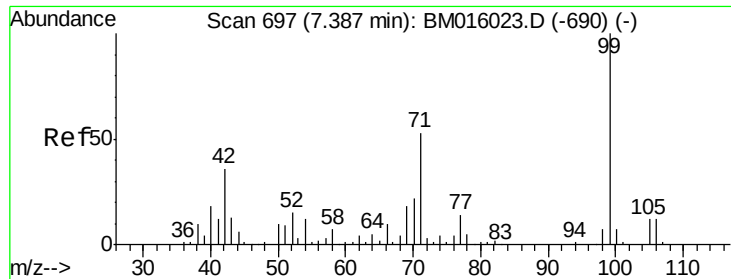
2-Fluorophenol
Concen: Below ng
RT: 5.72 min Scan# 414
Delta R.T. -0.02 min
Lab File: BM016084.D
Acq: 26 Jul 2018 22:24

Tgt Ion:112 Resp: 492377
Ion Ratio Lower Upper
112 100
64 63.5 38.6 57.8#
63 44.7 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: N.D. ng

RT: 7.37 min Scan# 694

Delta R.T. -0.02 min

Lab File: BM016084.D

Acq: 26 Jul 2018 22:24

Instrument :

BNA_M

ClientSampleId :

CON-WC-S-3-0-11

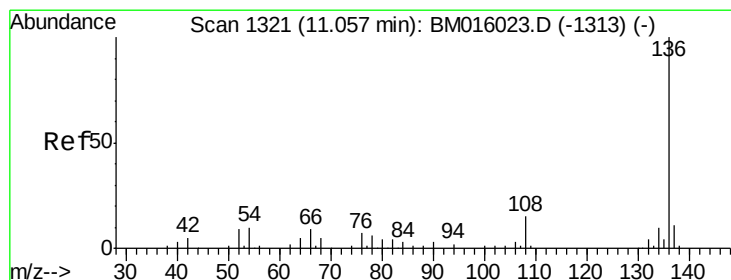
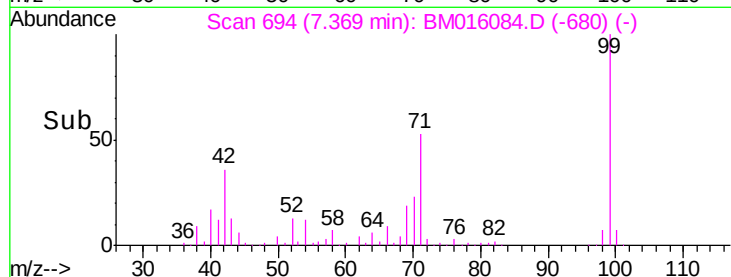
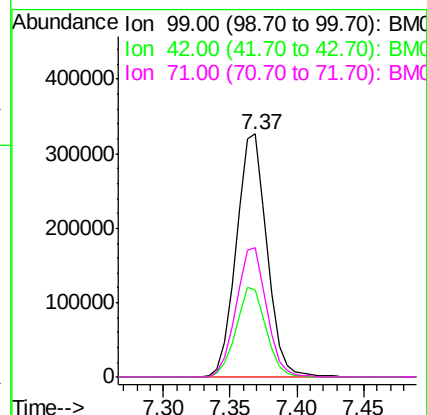
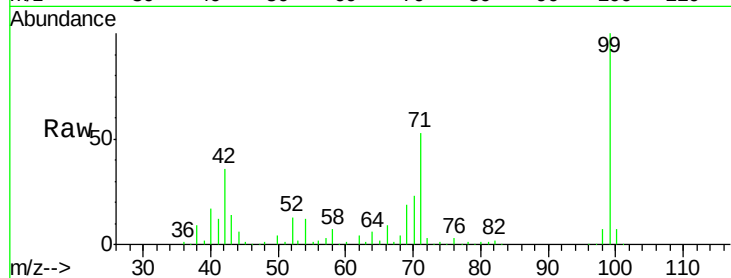
Tgt Ion: 99 Resp: 522611

Ion Ratio Lower Upper

99 100

42 36.1 11.0 16.4#

71 53.1 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.02 min Scan# 1315

Delta R.T. -0.04 min

Lab File: BM016084.D

Acq: 26 Jul 2018 22:24

Tgt Ion: 136 Resp: 216528

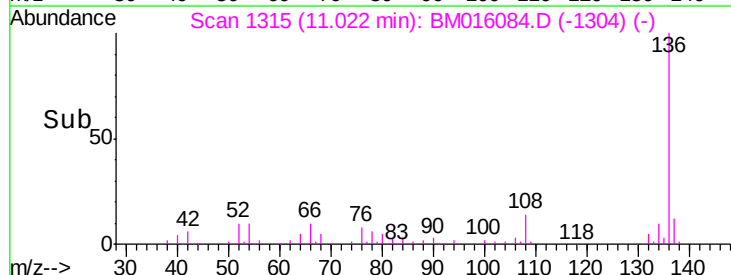
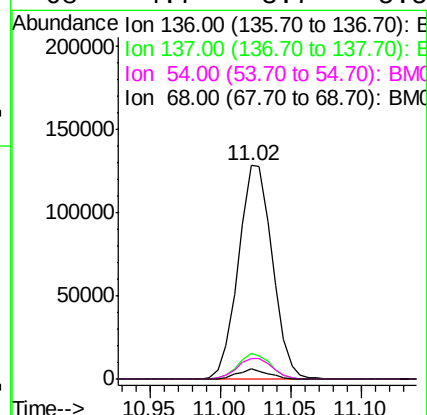
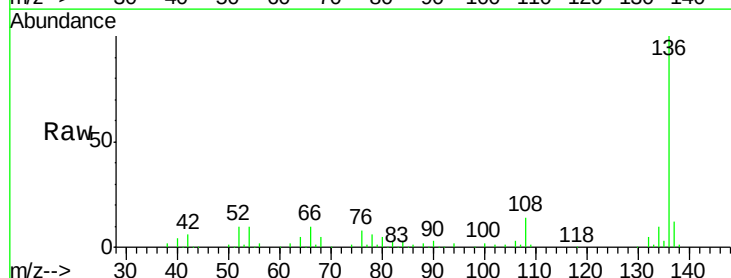
Ion Ratio Lower Upper

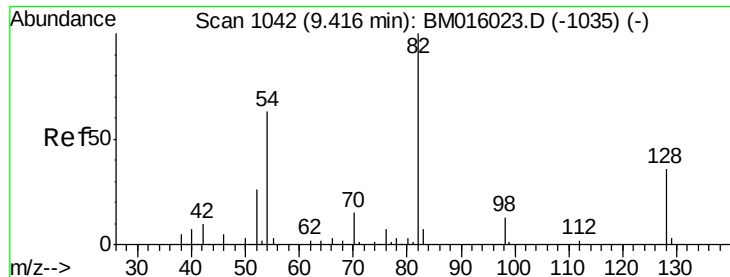
136 100

137 11.7 8.7 13.1

54 9.6 4.6 6.8#

68 4.7 3.7 5.5

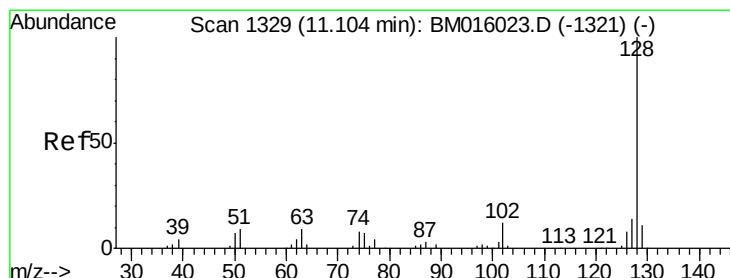
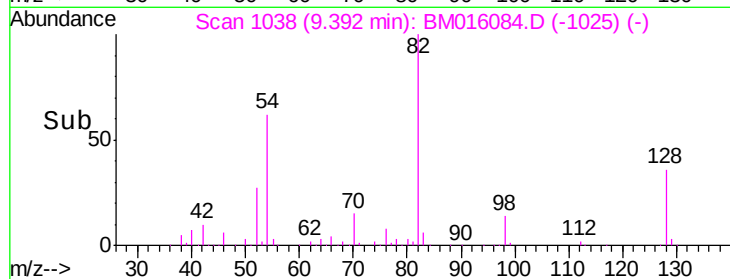
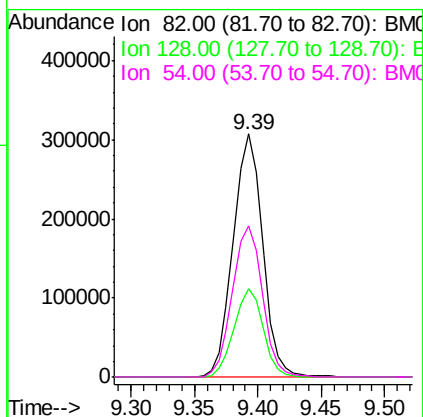
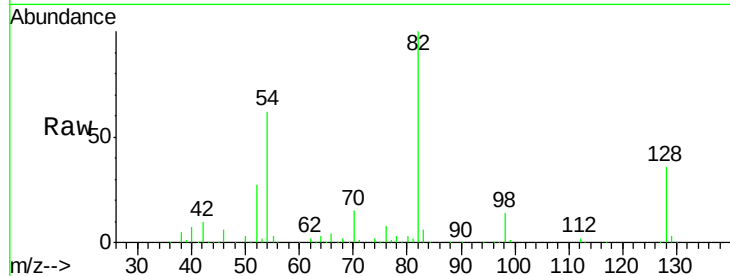




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BM016084.D
Acq: 26 Jul 2018 22:24

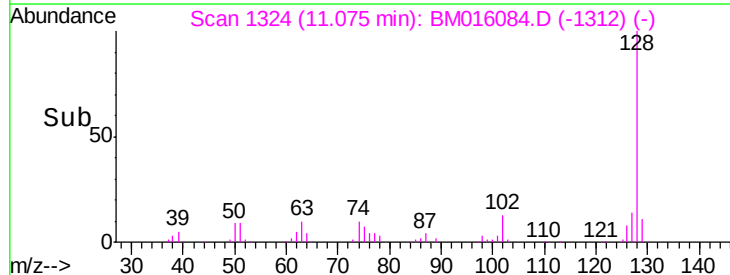
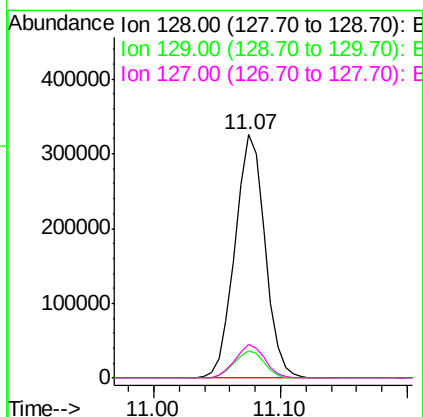
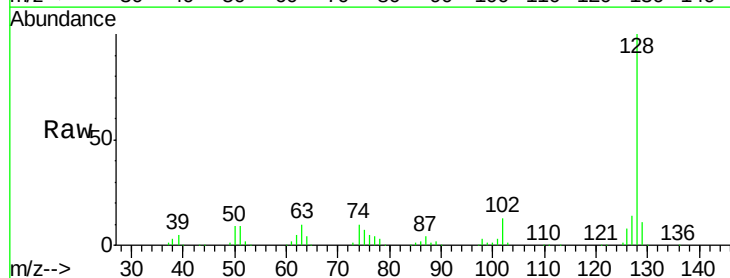
Instrument :
BNA_M
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CON-WC-S-3-0-11

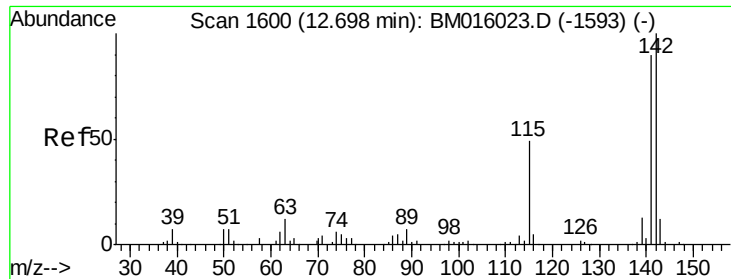
Tgt Ion: 82 Resp: 498876
Ion Ratio Lower Upper
82 100
128 36.4 32.8 49.2
54 62.3 40.6 60.8#



#31
Naphthalene
Concen: 48.824 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BM016084.D
Acq: 26 Jul 2018 22:24

Tgt Ion: 128 Resp: 535047
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.8 10.4 15.6

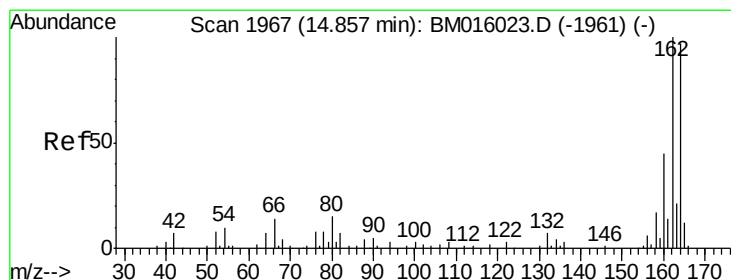
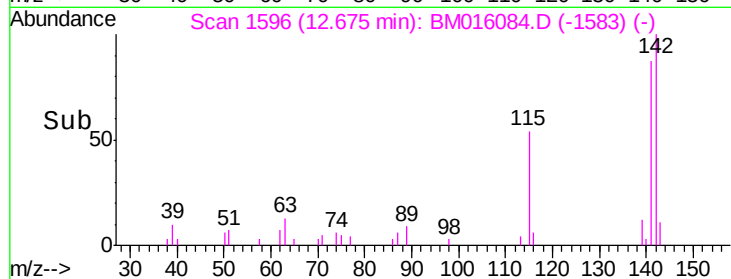
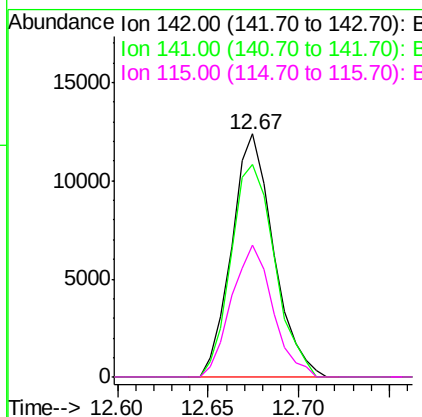
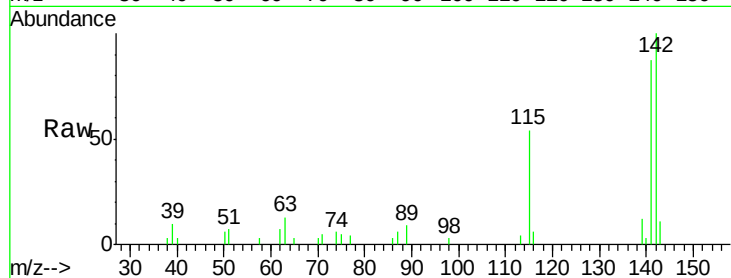




#37
 2-Methylnaphthalene
 Concen: 2.714 ng
 RT: 12.67 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BM016084.D
 Acq: 26 Jul 2018 22:24

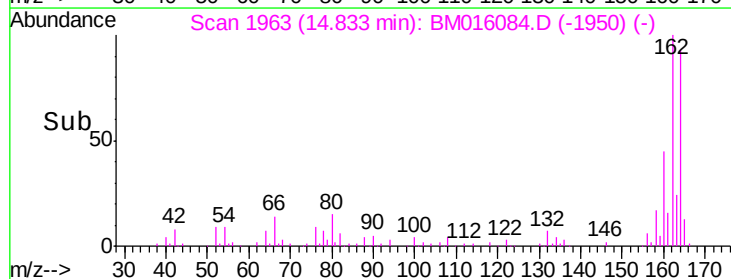
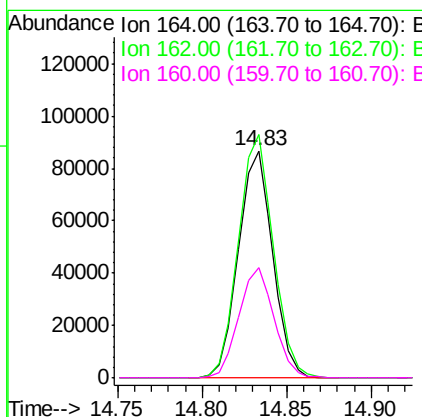
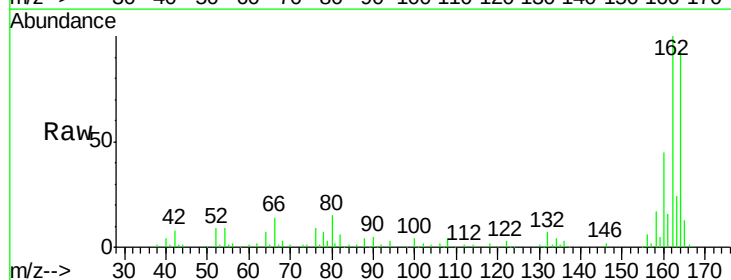
Instrument :
 BNA_M
 ClientSampleId :
 CON-WC-S-3-0-11

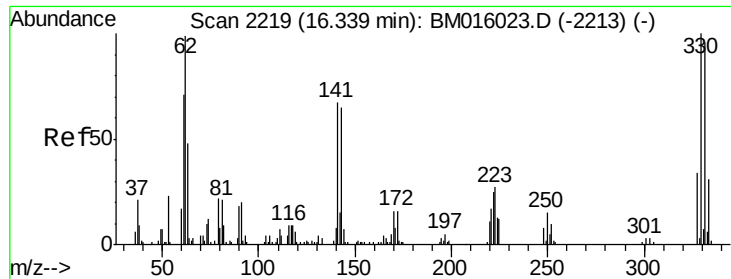
Tgt Ion:142 Resp: 19927
 Ion Ratio Lower Upper
 142 100
 141 87.2 71.9 107.9
 115 54.5 25.4 38.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.83 min Scan# 1963
 Delta R.T. -0.02 min
 Lab File: BM016084.D
 Acq: 26 Jul 2018 22:24

Tgt Ion:164 Resp: 122648
 Ion Ratio Lower Upper
 164 100
 162 107.1 82.4 123.6
 160 48.4 35.8 53.6

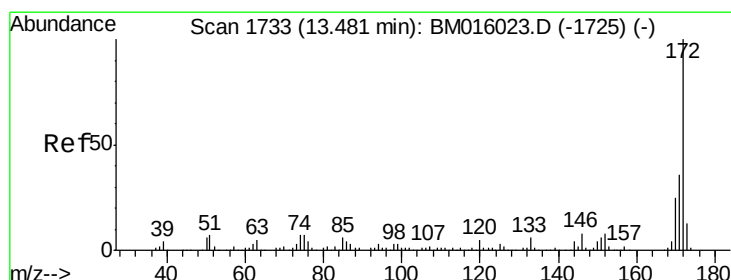
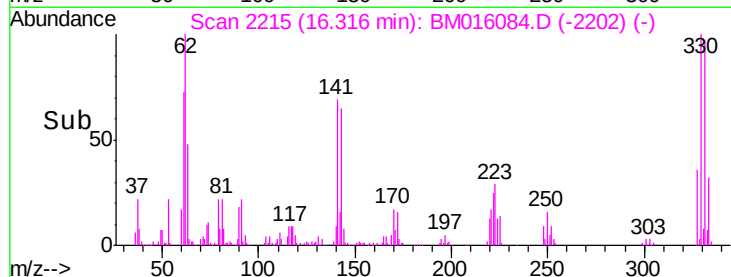
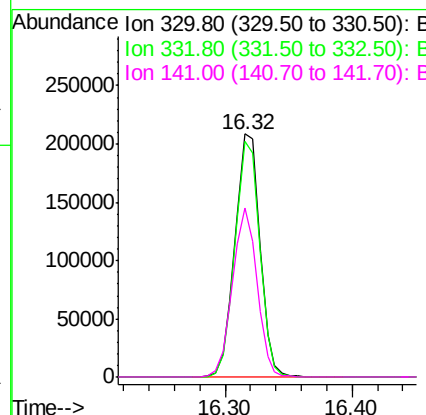
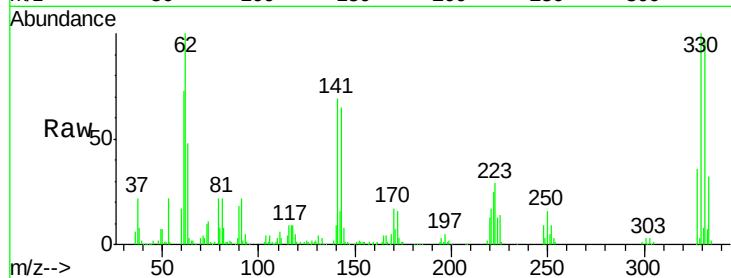




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.32 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BM016084.D
 Acq: 26 Jul 2018 22:24

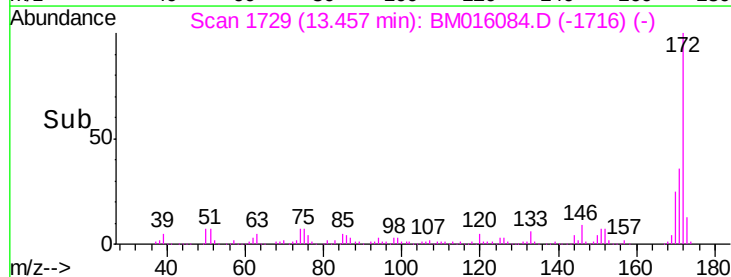
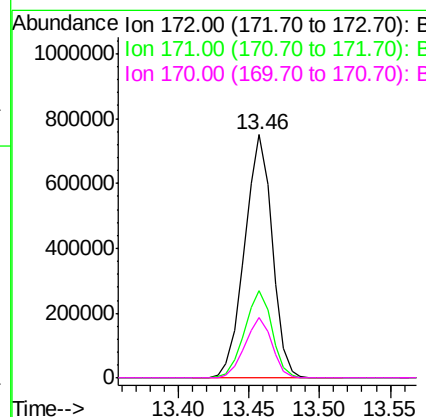
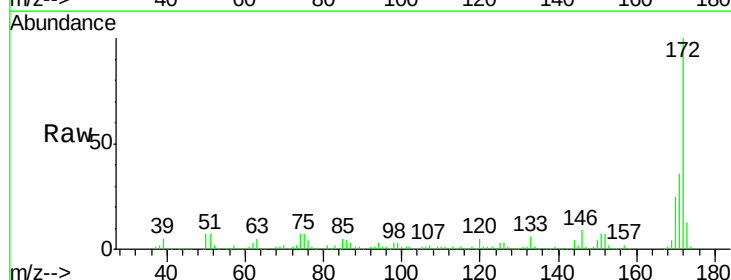
Instrument :
 BNA_M
 ClientSampleId :
 CON-WC-S-3-0-11

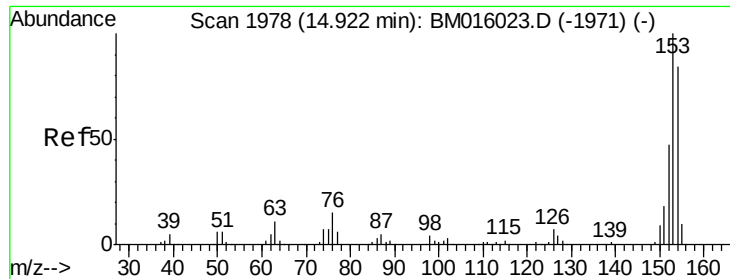
Tgt Ion:330 Resp: 284845
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 68.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.46 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BM016084.D
 Acq: 26 Jul 2018 22:24

Tgt Ion:172 Resp: 1027470
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.9 18.8 28.2





#51

Acenaphthene

Concen: 2.605 ng

RT: 14.90 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BM016084.D

Acq: 26 Jul 2018 22:24

Instrument :

BNA_M

ClientSampleId :

CON-WC-S-3-0-11

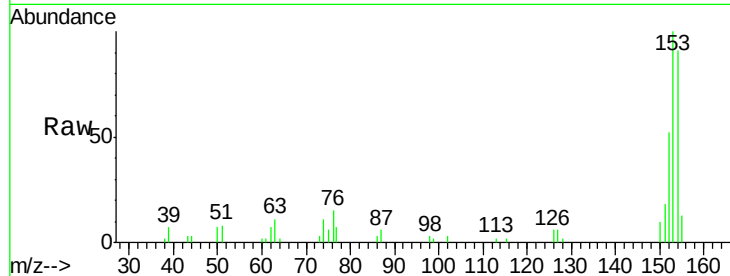
Tgt Ion:154 Resp: 20193

Ion Ratio Lower Upper

154 100

153 109.5 90.0 135.0

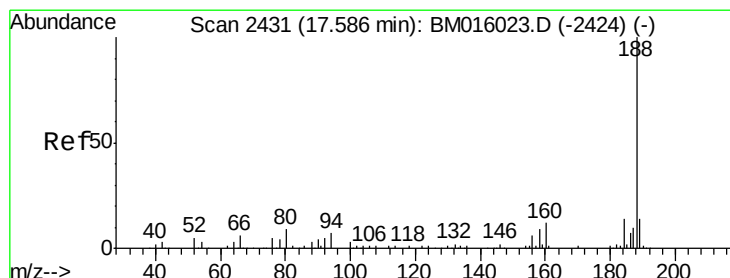
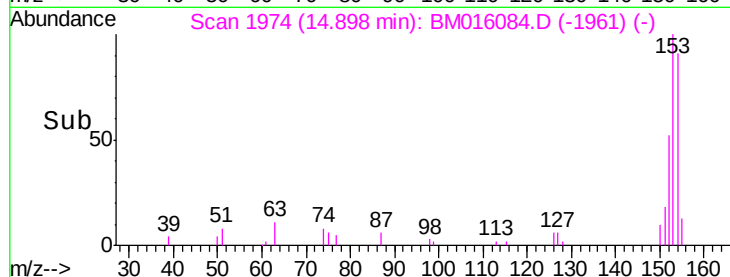
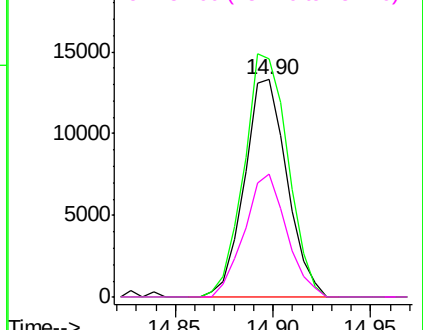
152 56.4 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.56 min Scan# 2427

Delta R.T. -0.02 min

Lab File: BM016084.D

Acq: 26 Jul 2018 22:24

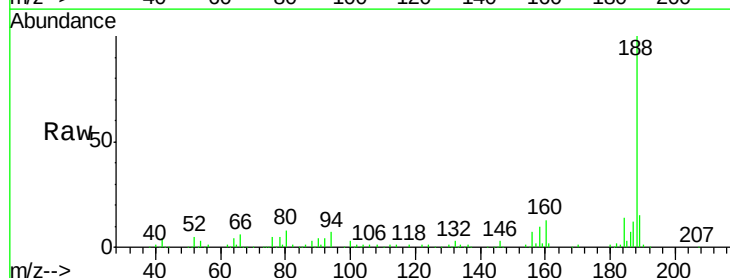
Tgt Ion:188 Resp: 295127

Ion Ratio Lower Upper

188 100

94 7.1 8.7 13.1#

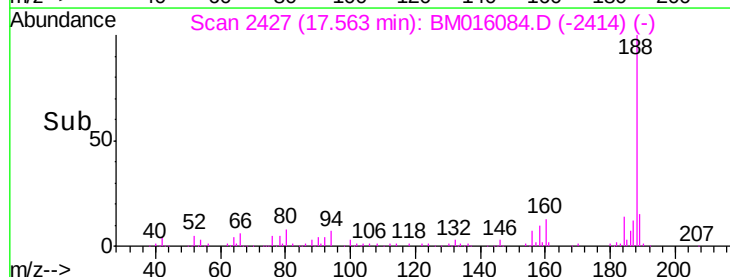
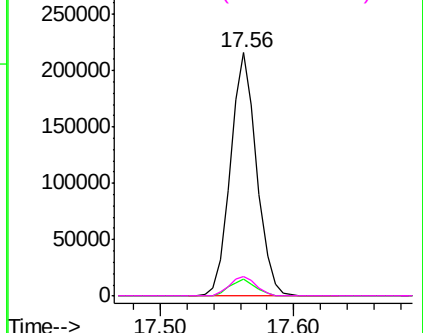
80 8.1 9.3 13.9#

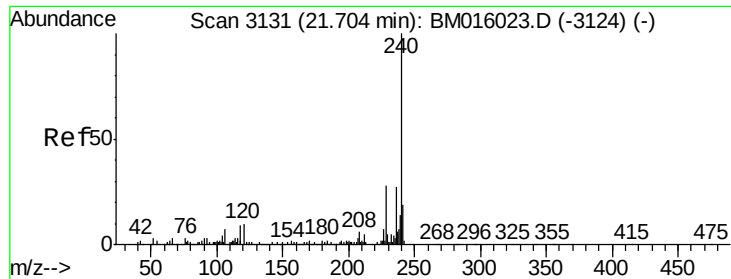


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM016084.D

Acq: 26 Jul 2018 22:24

Instrument :

BNA_M

ClientSampleId :

CON-WC-S-3-0-11

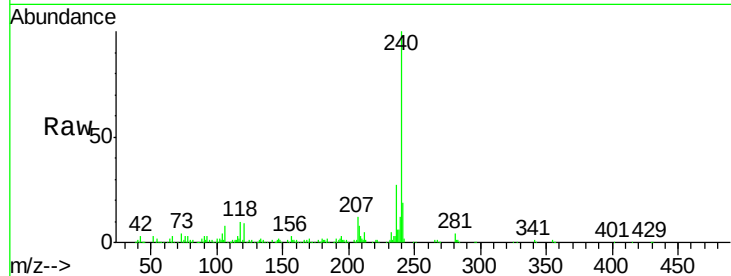
Tgt Ion:240 Resp: 243438

Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

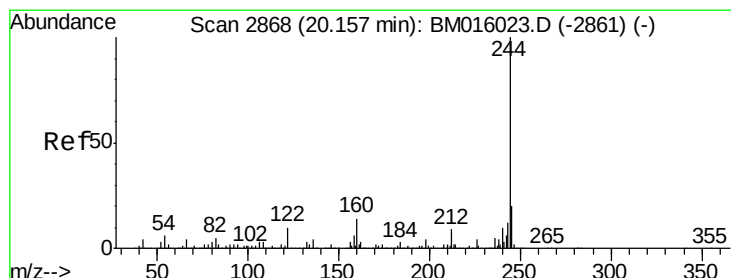
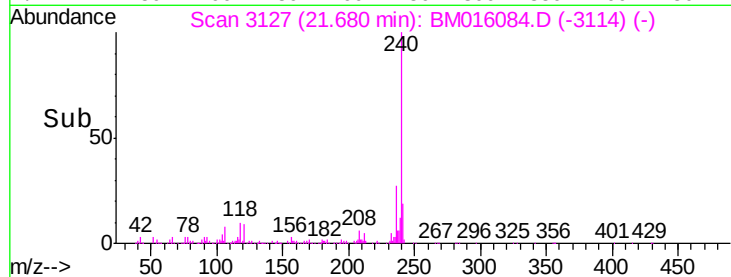
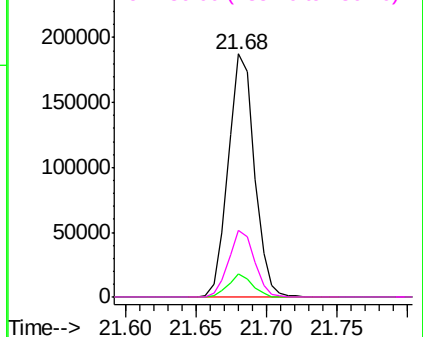
236 27.3 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: Below ng

RT: 20.14 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BM016084.D

Acq: 26 Jul 2018 22:24

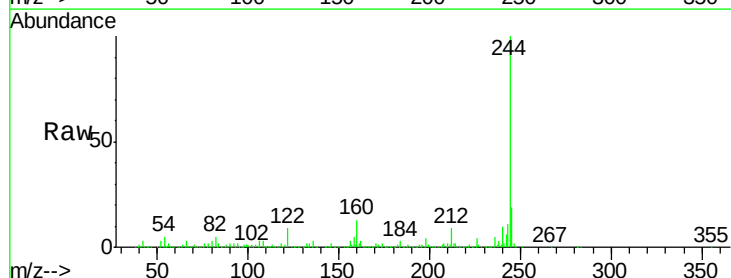
Tgt Ion:244 Resp: 1893113

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

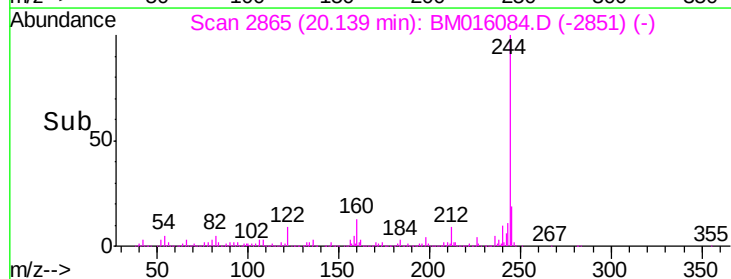
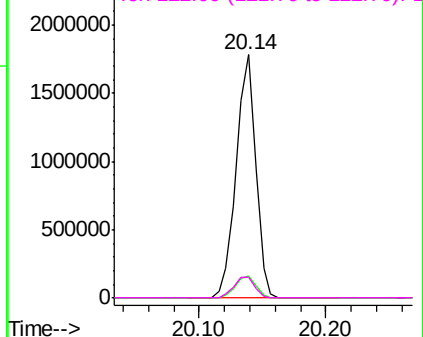
122 8.6 6.2 9.4

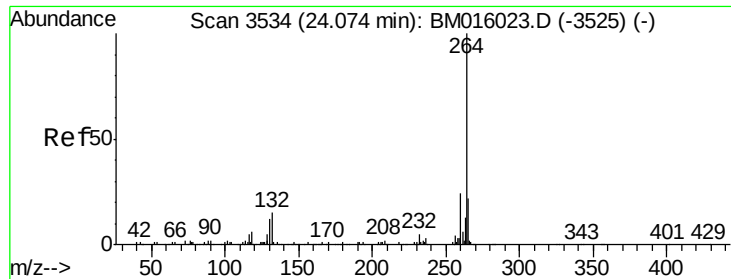


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

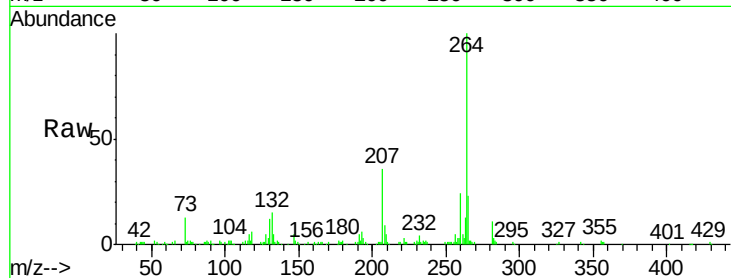




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.04 min Scan# 3529
Delta R.T. -0.03 min
Lab File: BM016084.D
Acq: 26 Jul 2018 22:24

Instrument :
BNA_M
ClientSampleId :
CON-WC-S-3-0-11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.8	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

