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 Data File : BM014506.D
 Acq On : 06 Mar 2018 20:00
 Operator : SJ/JU
 Sample : J1699-41
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 07 03:58:41 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

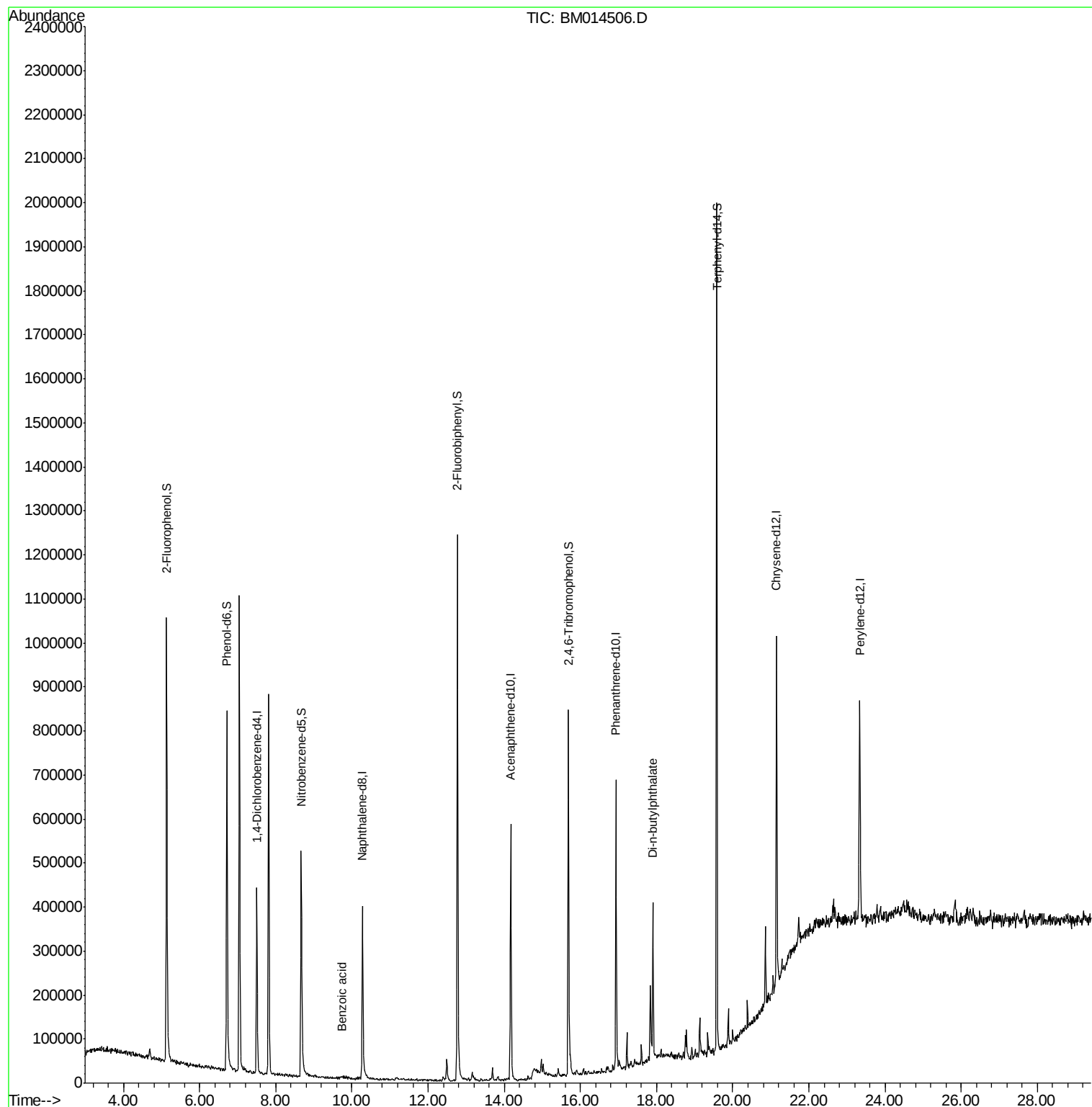
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	97849	20.00	ng	-0.04
21) Naphthalene-d8	10.27	136	337552	20.00	ng	-0.04
38) Acenaphthene-d10	14.17	164	182194	20.00	ng	-0.03
63) Phenanthrene-d10	16.93	188	375994	20.00	ng	-0.02
75) Chrysene-d12	21.15	240	371602	20.00	ng	-0.02
86) Perylene-d12	23.33	264	354211	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	382154	68.07	ng	-0.03
7) Phenol-d6	6.72	99	450335	56.64	ng	-0.02
23) Nitrobenzene-d5	8.67	82	333785	44.17	ng	-0.04
41) 2,4,6-Tribromophenol	15.68	330	133158	51.51	ng	-0.02
44) 2-Fluorobiphenyl	12.77	172	637252	43.66	ng	-0.04
78) Terphenyl-d14	19.58	244	770254	40.50	ng	-0.02
Target Compounds						
32) Benzoic acid	9.73	122	145	6.218	ng	# 64
73) Di-n-butylphthalate	17.90	149	210449	7.916	ng	# 96

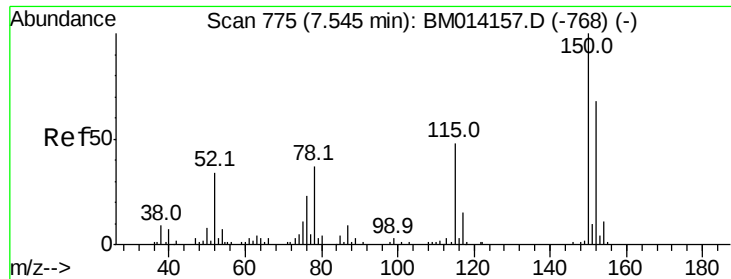
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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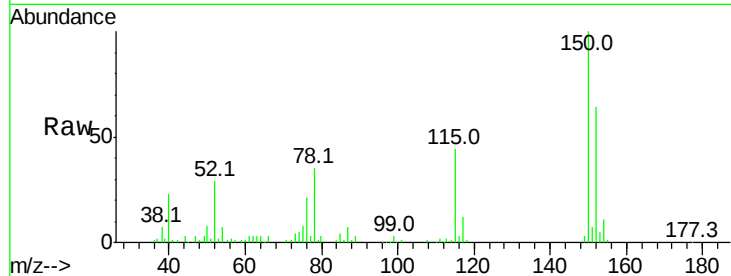


#1

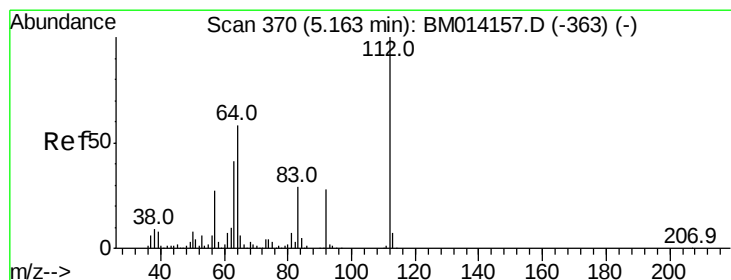
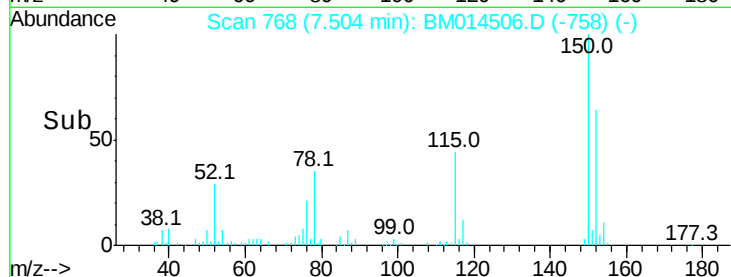
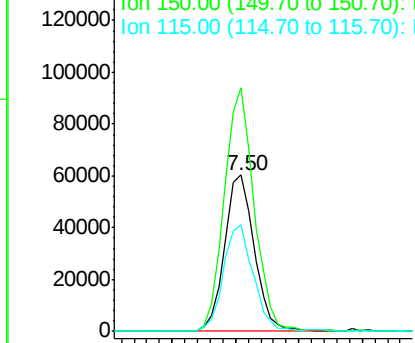
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.04 min
Lab File: BM014506.D
Acq: 06 Mar 2018 20:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 97849
Ion Ratio Lower Upper
152 100
150 155.9 119.5 179.3
115 68.6 43.0 64.4#



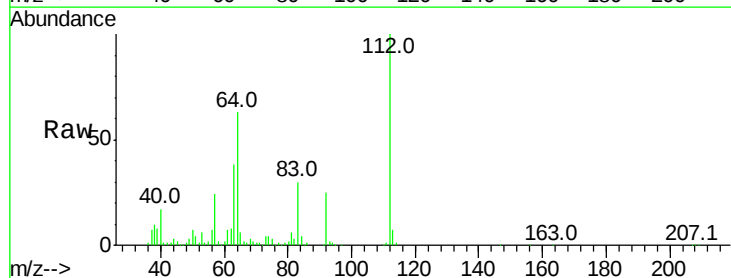
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



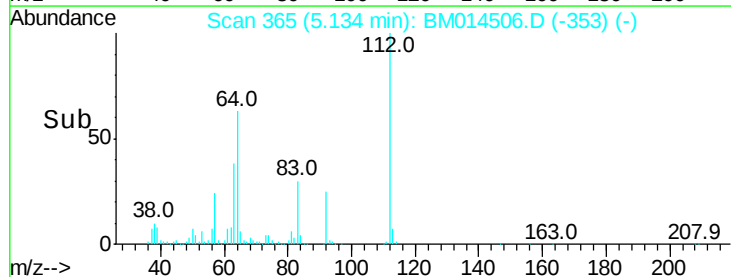
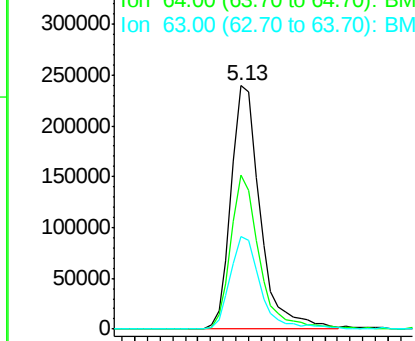
#5

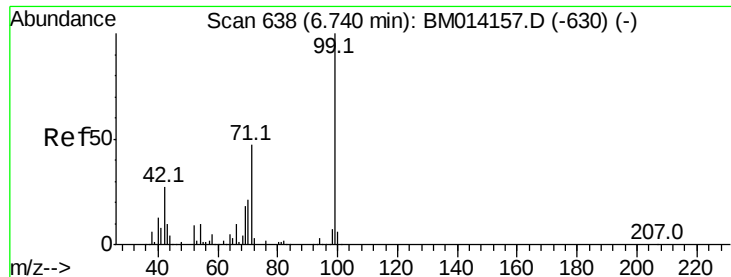
2-Fluorophenol
Concen: 68.073 ng
RT: 5.13 min Scan# 365
Delta R.T. -0.03 min
Lab File: BM014506.D
Acq: 06 Mar 2018 20:00

Tgt Ion:112 Resp: 382154
Ion Ratio Lower Upper
112 100
64 63.4 38.6 57.8#
63 38.2 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: 56.640 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.02 min

Lab File: BM014506.D

Acq: 06 Mar 2018 20:00

Instrument :

BNA_M

ClientSampleId :

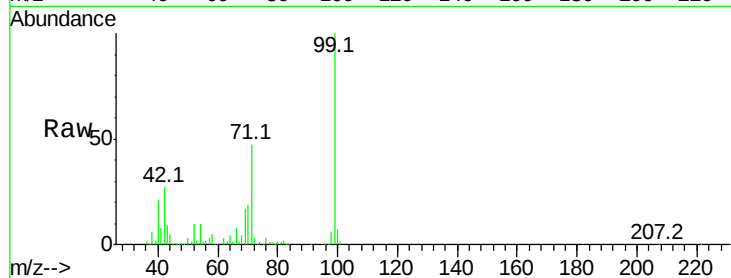
Tot Ion: 99 Resp: 450335

Ion Ratio Lower Upper

99 100

42 26.7 11.0 16.4#

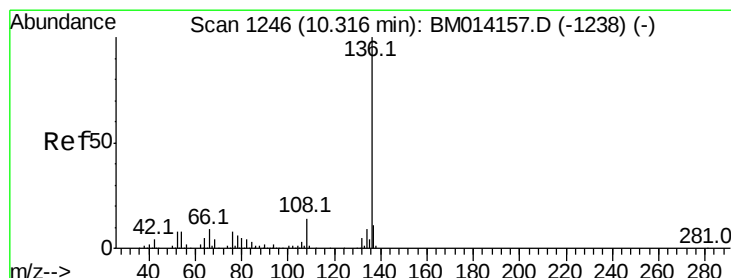
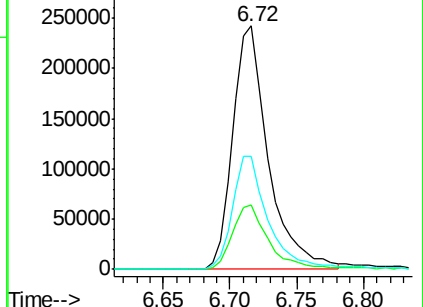
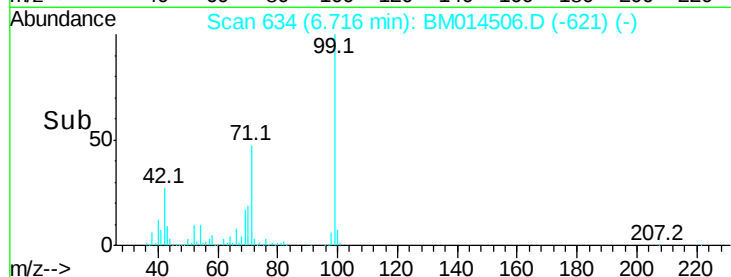
71 46.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014157.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM014157.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM014157.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.27 min Scan# 1239

Delta R.T. -0.04 min

Lab File: BM014506.D

Acq: 06 Mar 2018 20:00

Tgt Ion: 136 Resp: 337552

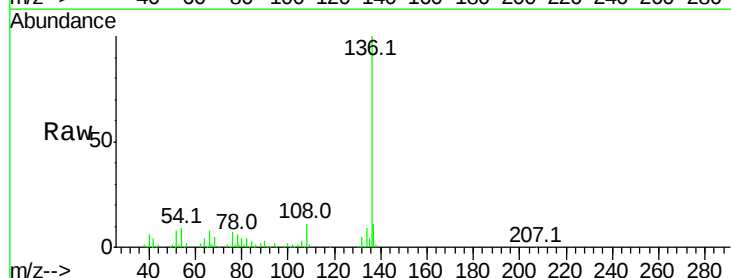
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.8 4.6 6.8#

68 5.2 3.7 5.5

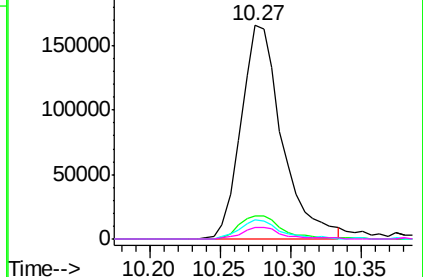
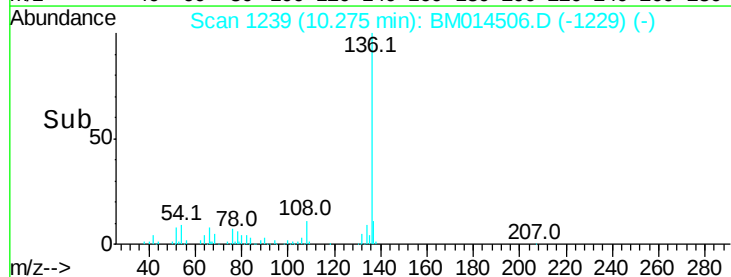


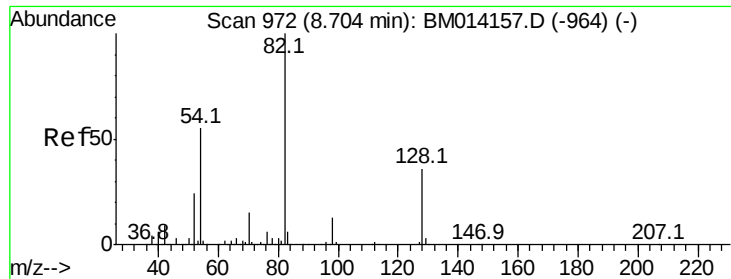
Abundance Ion 136.00 (135.70 to 136.70): BM014157.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM014157.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM014157.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM014157.D (-1238) (-)

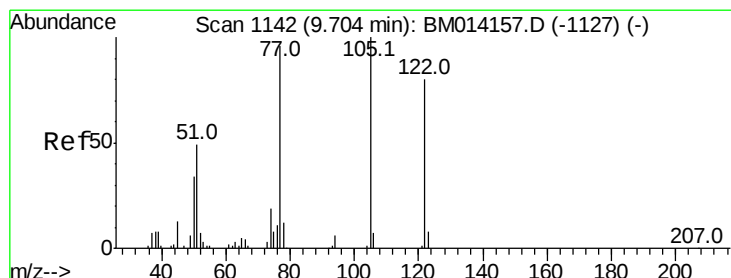
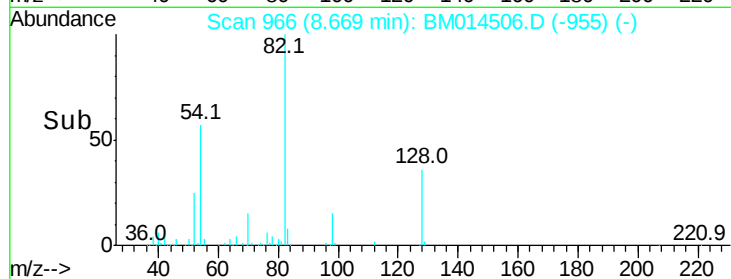
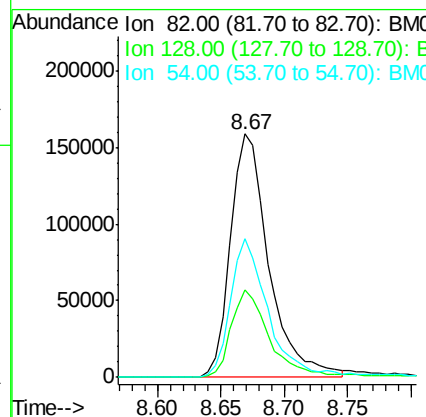
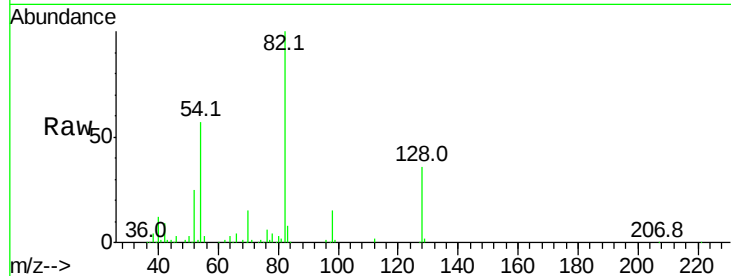




#23
 Nitrobenzene-d5
 Concen: 44.169 ng
 RT: 8.67 min Scan# 966
 Delta R.T. -0.04 min
 Lab File: BM014506.D
 Acq: 06 Mar 2018 20:00

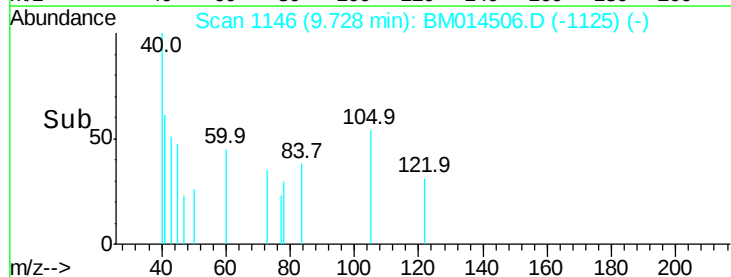
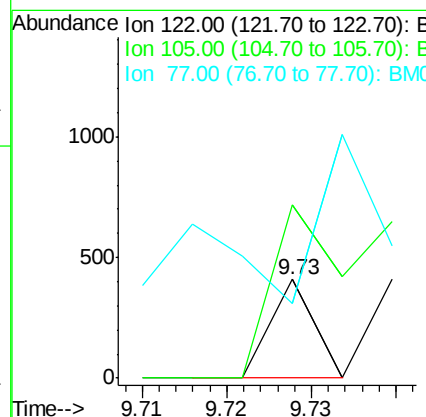
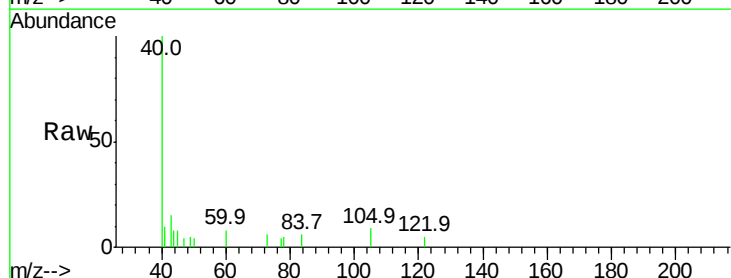
Instrument :
 BNA_M
 ClientSampleId :

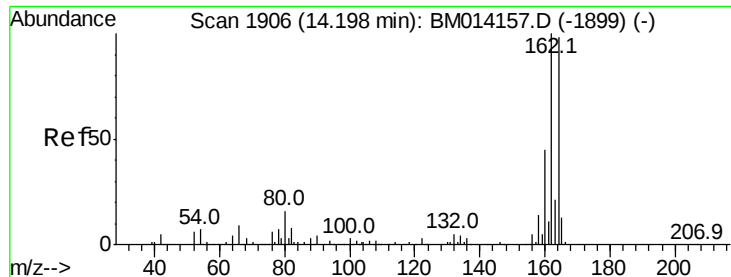
Tot Ion	82	Resp	333785
Ion	Ratio	Lower	Upper
82	100		
128	35.9	32.8	49.2
54	56.9	40.6	60.8



#32
 Benzoic acid
 Concen: 6.218 ng
 RT: 9.73 min Scan# 1146
 Delta R.T. 0.02 min
 Lab File: BM014506.D
 Acq: 06 Mar 2018 20:00

Tgt Ion	122	Resp	145
Ion	Ratio	Lower	Upper
122	100		
105	174.9	99.9	139.9#
77	75.4	73.7	113.7

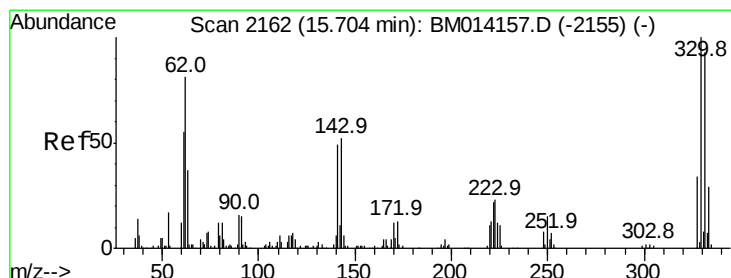
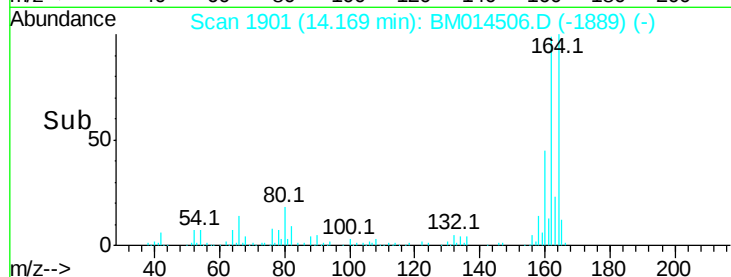
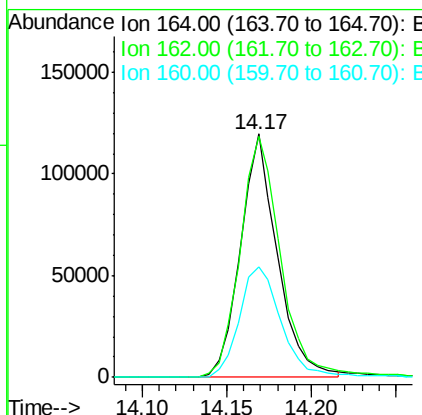
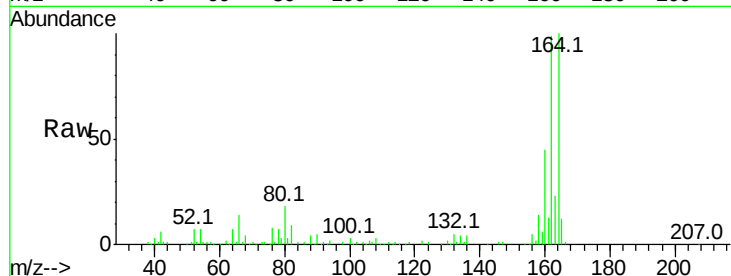




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1901
 Delta R.T. -0.03 min
 Lab File: BM014506.D
 Acq: 06 Mar 2018 20:00

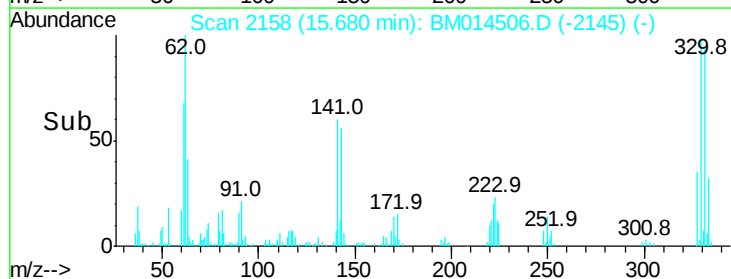
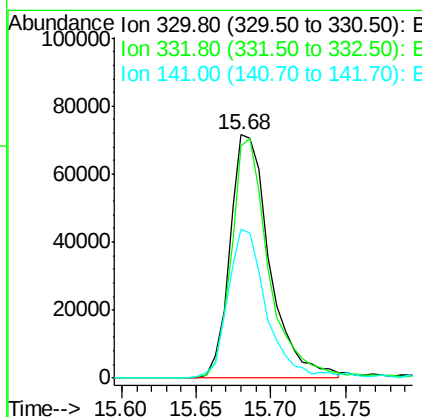
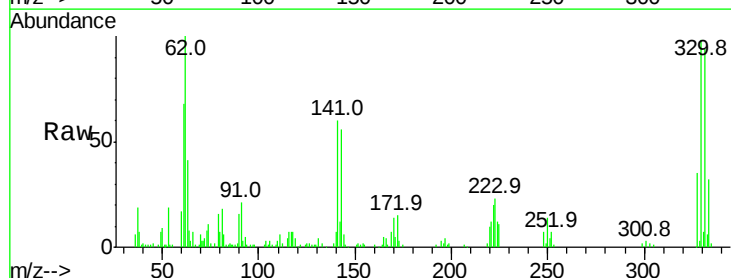
Instrument :
 BNA_M
 ClientSampleId :

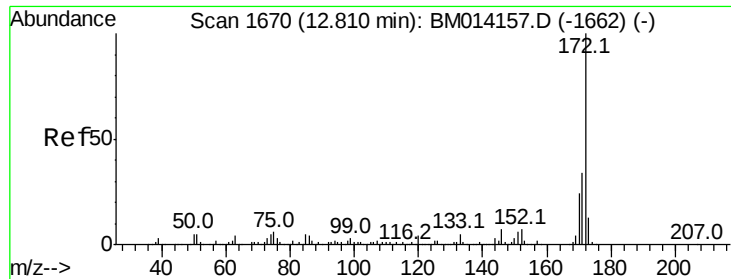
Tot Ion:164 Resp: 182194
 Ion Ratio Lower Upper
 164 100
 162 98.9 82.4 123.6
 160 45.3 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 51.506 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM014506.D
 Acq: 06 Mar 2018 20:00

Tgt Ion:330 Resp: 133158
 Ion Ratio Lower Upper
 330 100
 332 92.1 0.0 0.0#
 141 58.5 0.0 0.0#

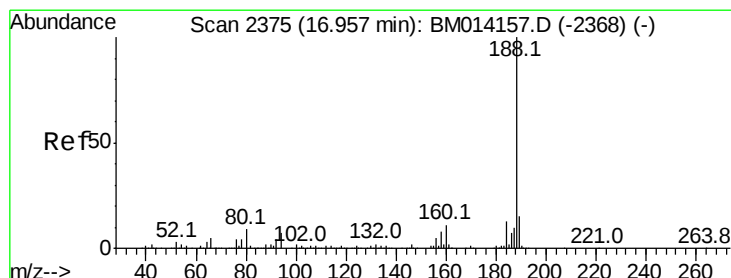
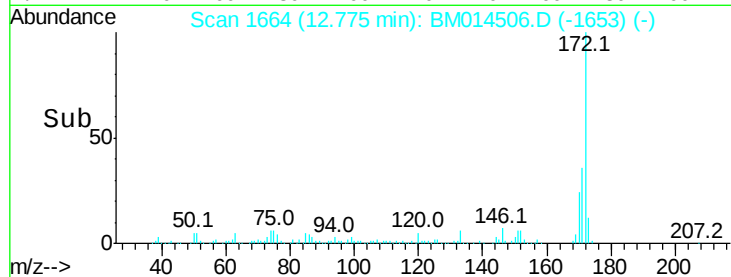
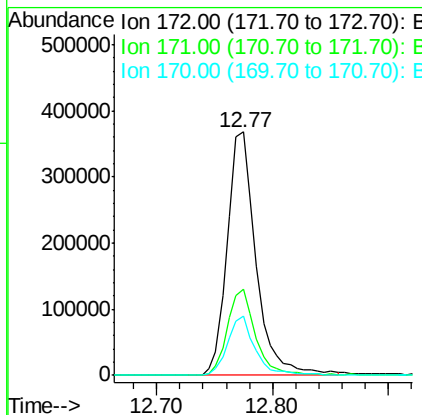
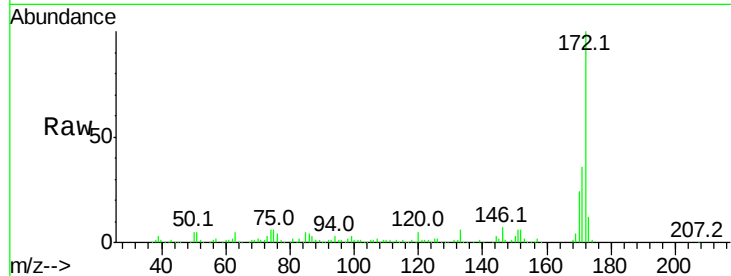




#44
 2-Fluorobiphenyl
 Concen: 43.662 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.04 min
 Lab File: BM014506.D
 Acq: 06 Mar 2018 20:00

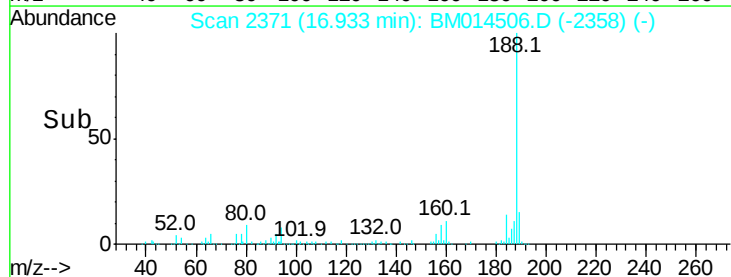
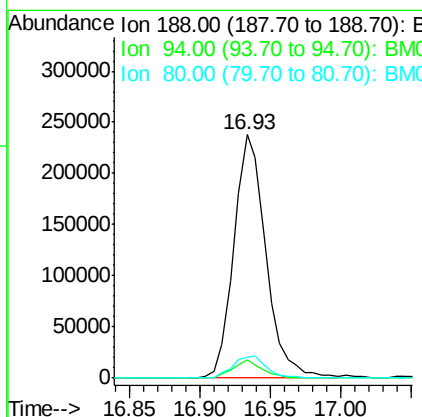
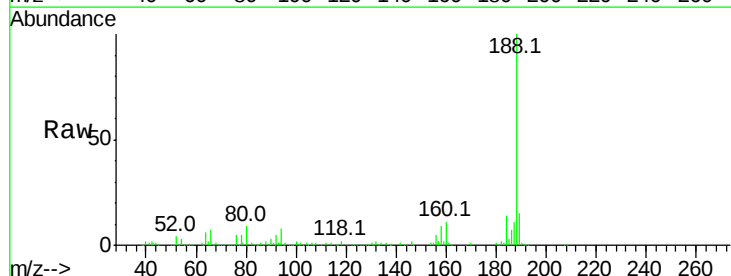
Instrument :
 BNA_M
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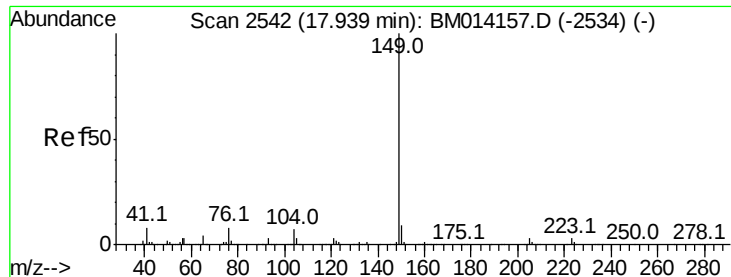
Tot Ion:172 Resp: 637252
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 24.2 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.93 min Scan# 2371
 Delta R.T. -0.02 min
 Lab File: BM014506.D
 Acq: 06 Mar 2018 20:00

Tgt Ion:188 Resp: 375994
 Ion Ratio Lower Upper
 188 100
 94 7.8 8.7 13.1#
 80 8.7 9.3 13.9#

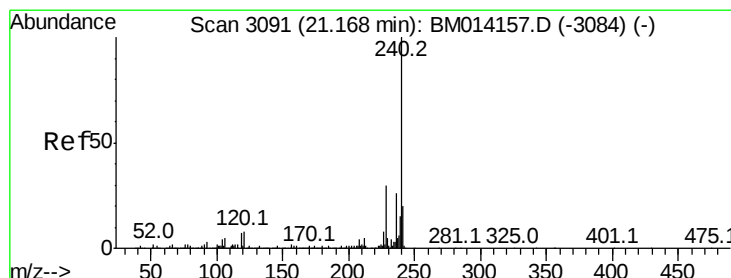
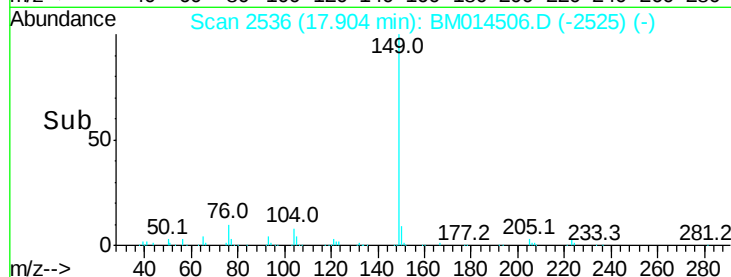
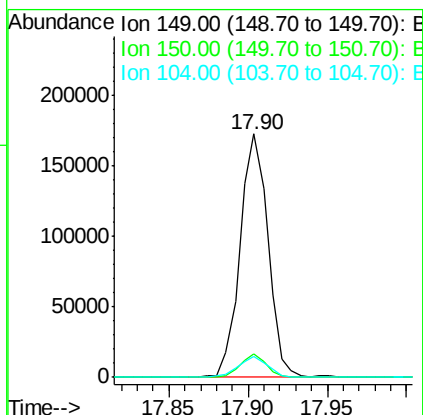
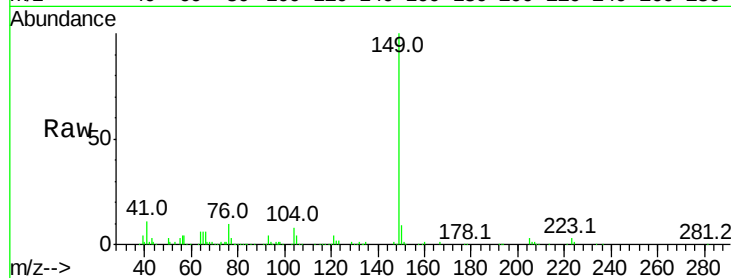




#73
Di-n-butylphthalate
Concen: 7.916 ng
RT: 17.90 min Scan# 2536
Delta R.T. -0.04 min
Lab File: BM014506.D
Acq: 06 Mar 2018 20:00

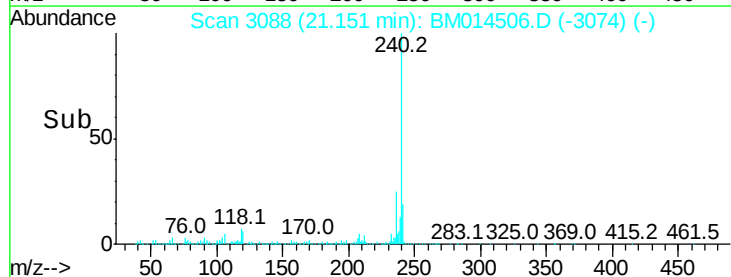
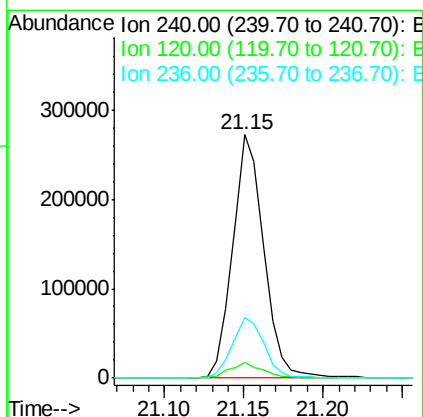
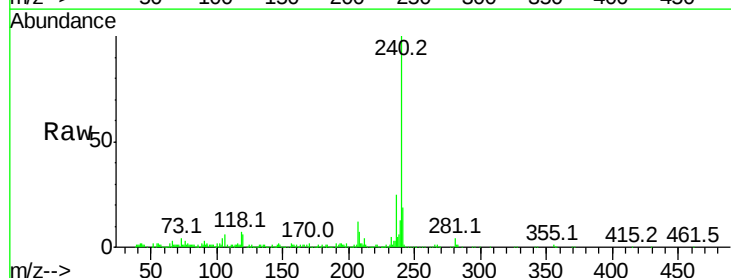
Instrument :
BNA_M
ClientSampleId :

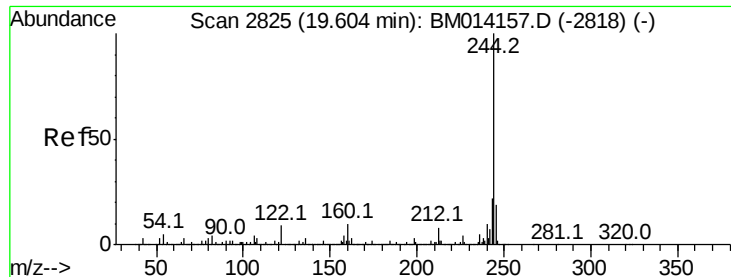
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	8.4	3.7	5.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM014506.D
Acq: 06 Mar 2018 20:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	8.2	12.2
236	24.9	20.0	30.0

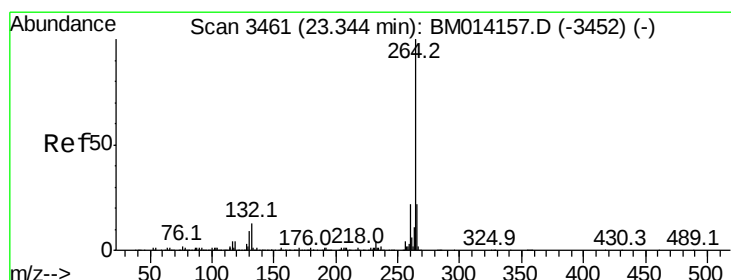
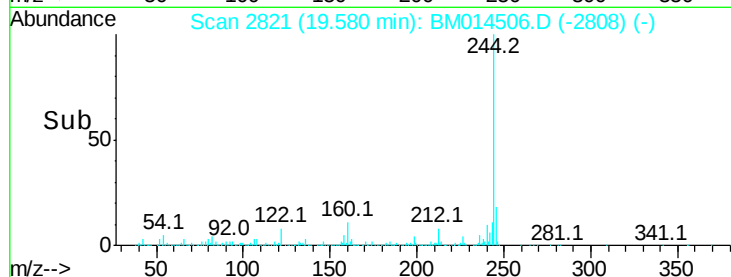
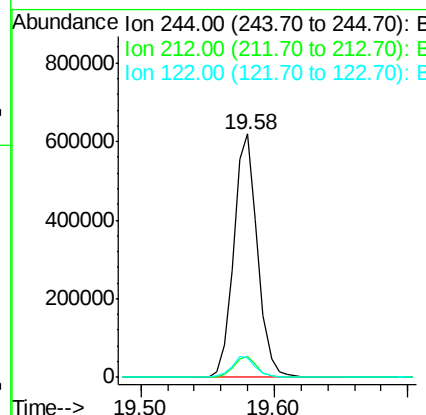
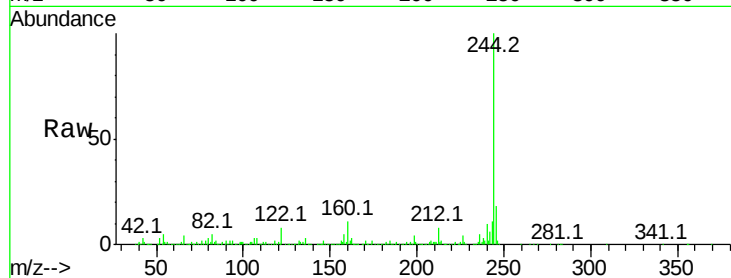




#78
 Terphenyl-d14
 Concen: 40.501 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.02 min
 Lab File: BM014506.D
 Acq: 06 Mar 2018 20:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 770254
 Ion Ratio Lower Upper
 244 100
 212 8.4 4.9 7.3#
 122 8.2 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.33 min Scan# 3459
 Delta R.T. -0.01 min
 Lab File: BM014506.D
 Acq: 06 Mar 2018 20:00

Tgt Ion:264 Resp: 354211
 Ion Ratio Lower Upper
 264 100
 260 25.4 18.6 27.8
 265 23.6 17.3 25.9

