

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090217\
 Data File : BM011416.D
 Acq On : 02 Sep 2017 15:29
 Operator : SJ/JU
 Sample : I5074-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-5-6-COMP

Quant Time: Sep 04 03:01:25 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

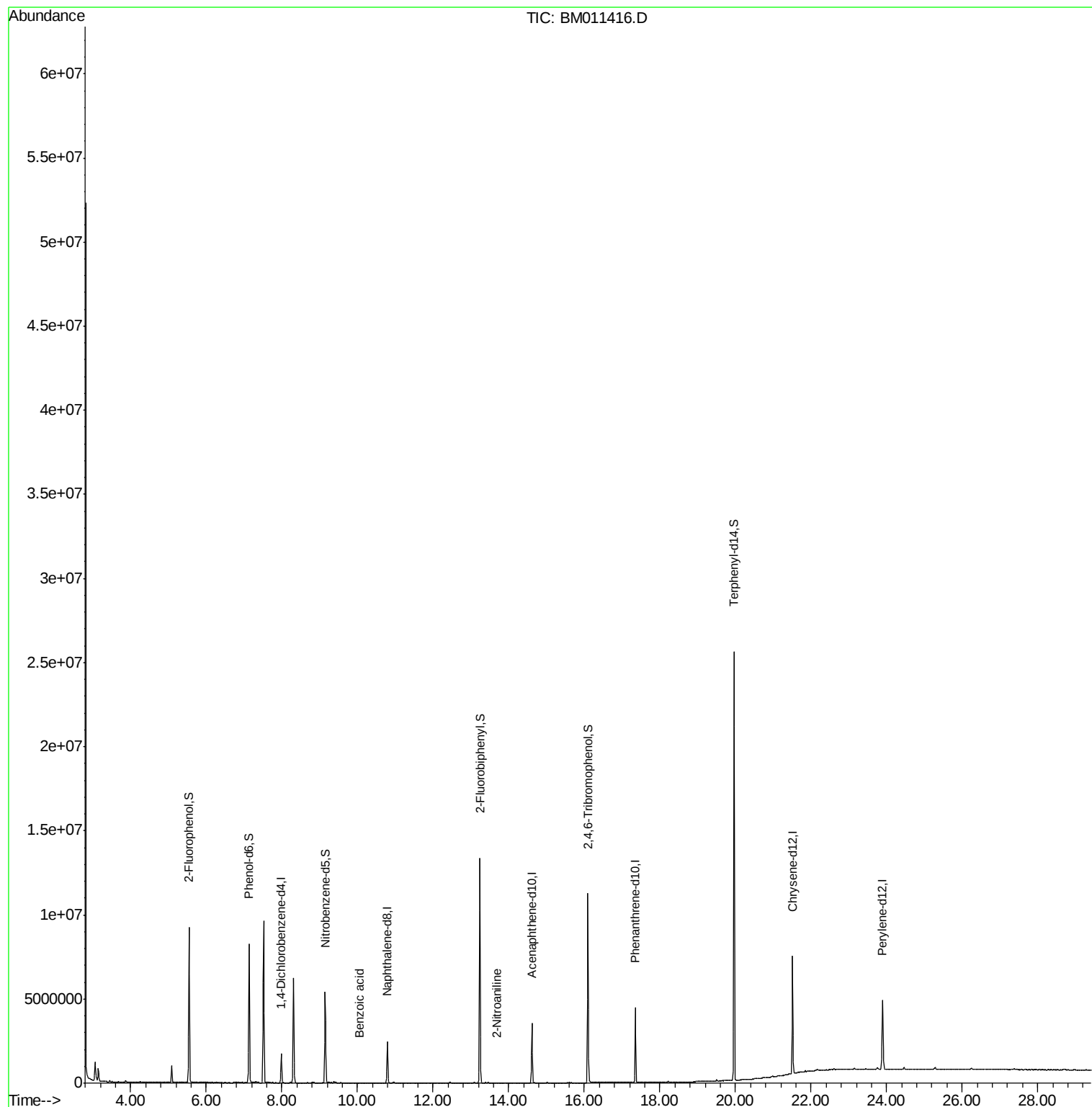
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	464906	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	2000307	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	1126271	20.00	ng	-0.01
63) Phenanthrene-d10	17.35	188	2607631	20.00	ng	-0.01
75) Chrysene-d12	21.52	240	3192086	20.00	ng	-0.02
86) Perylene-d12	23.89	264	3016019	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	3776487	136.73	ng	0.00
7) Phenol-d6	7.13	99	4576573	119.50	ng	0.00
23) Nitrobenzene-d5	9.15	82	2892663	95.30	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1768061	135.69	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	6749069	86.38	ng	-0.01
78) Terphenyl-d14	19.96	244	10199070	79.28	ng	-0.01
Target Compounds						
32) Benzoic acid	10.04	122	136	6.546	ng	# 1
47) 2-Nitroaniline	13.68	65	128	5.442	ng	# 1

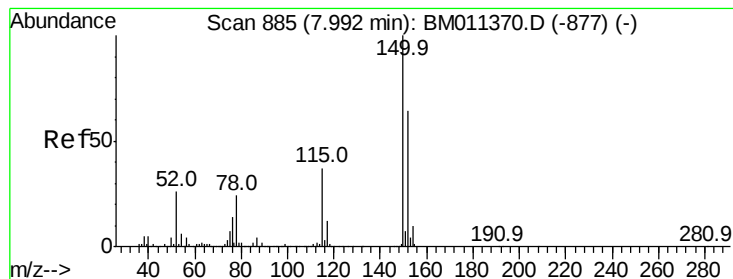
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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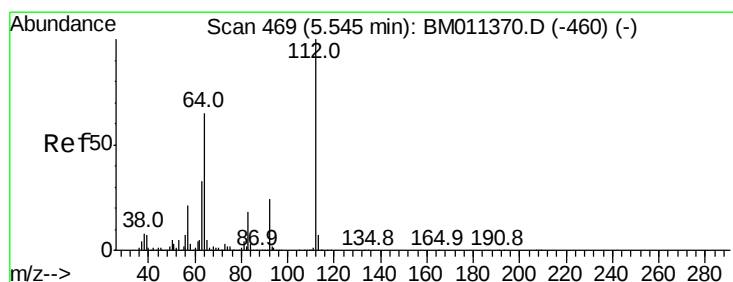
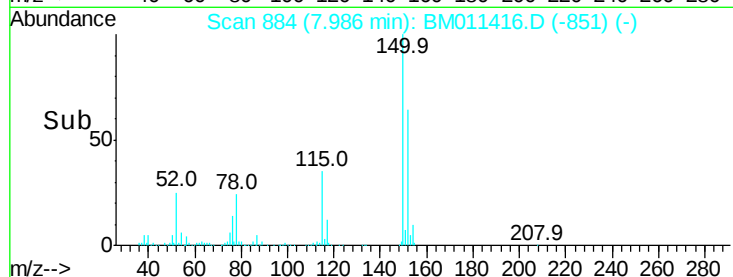
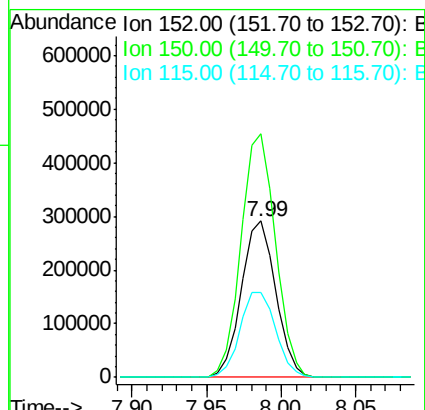
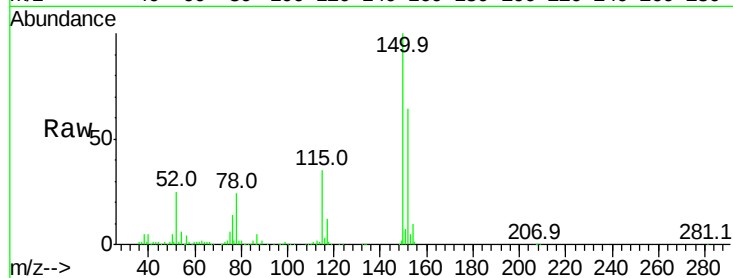


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011416.D
Acq: 02 Sep 2017 15:29

Instrument :
BNA_M
ClientSampleId :
TP-5-6-COMP

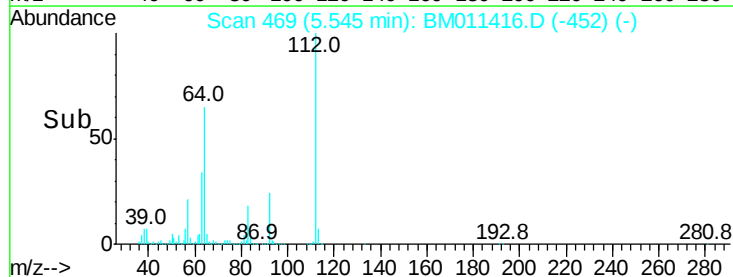
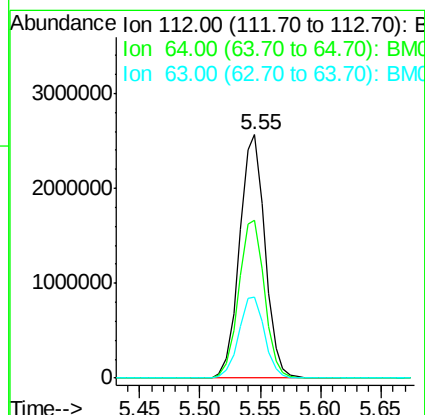
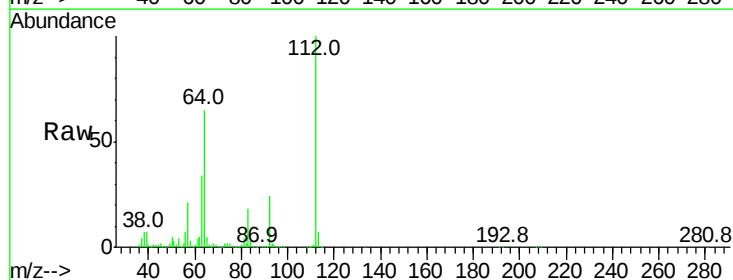
Tot Ion:152 Resp: 464906
Ion Ratio Lower Upper
152 100
150 155.7 119.5 179.3
115 54.5 43.0 64.4

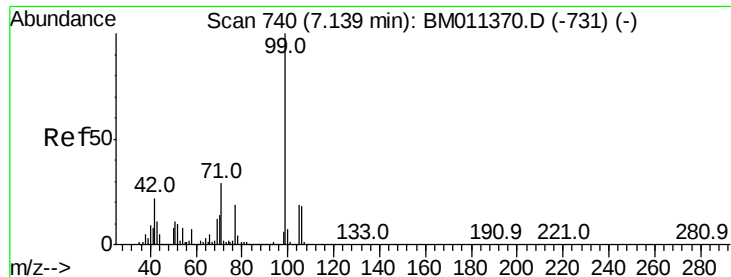


#5

2-Fluorophenol
Concen: 136.734 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011416.D
Acq: 02 Sep 2017 15:29

Tgt Ion:112 Resp: 3776487
Ion Ratio Lower Upper
112 100
64 64.7 38.6 57.8#
63 33.5 19.3 28.9#





#7

Phenol-d6

Concen: 119.502 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011416.D

Acq: 02 Sep 2017 15:29

Instrument :

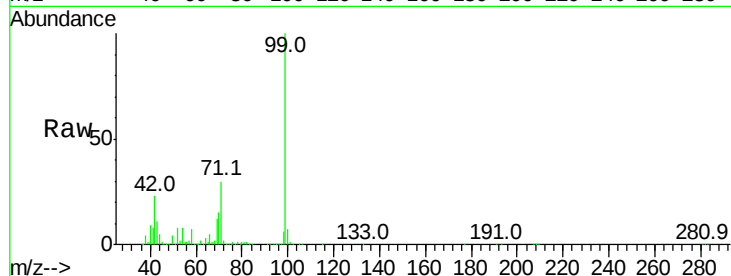
BNA_M

ClientSampleId :

TP-5-6-COMP

Tot Ion: 99 Resp: 4576573

Ion	Ratio	Lower	Upper
99	100		
42	22.6	11.0	16.4#
71	30.1	23.4	35.2

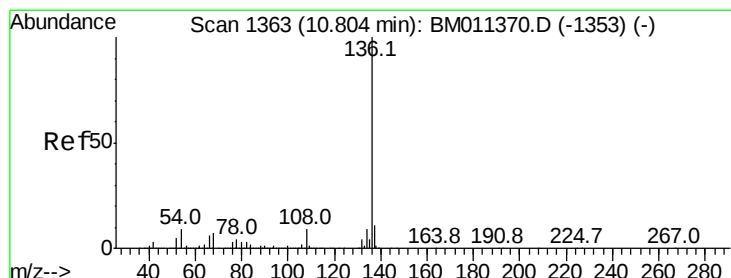
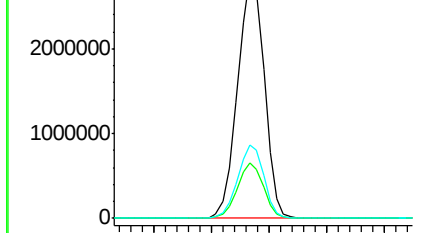
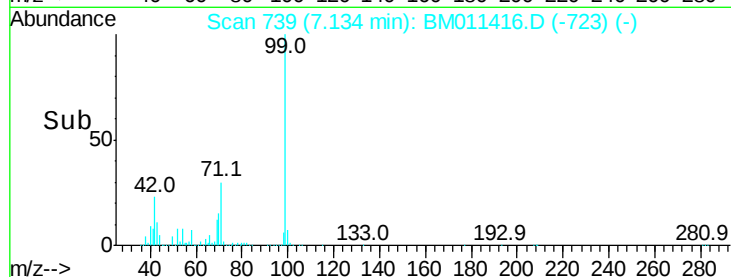


Abundance Ion 99.00 (98.70 to 99.70): BM011370.D (-731) (-)

Ion 42.00 (41.70 to 42.70): BM011370.D (-731) (-)

Ion 71.00 (70.70 to 71.70): BM011370.D (-731) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

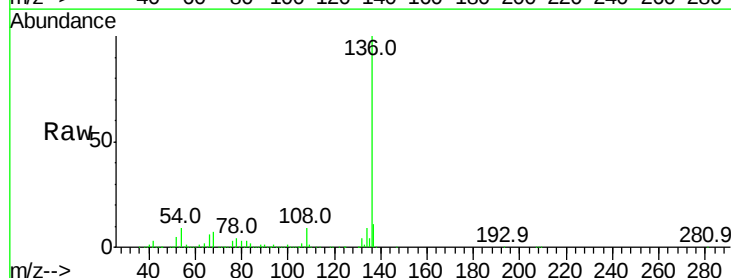
Delta R.T. -0.01 min

Lab File: BM011416.D

Acq: 02 Sep 2017 15:29

Tgt Ion: 136 Resp: 2000307

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.3	4.6	6.8#
68	6.9	3.7	5.5#



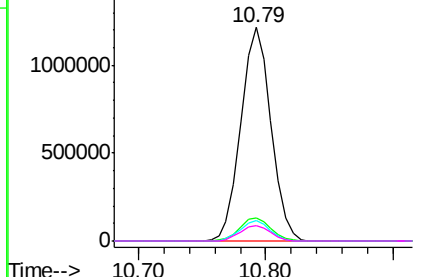
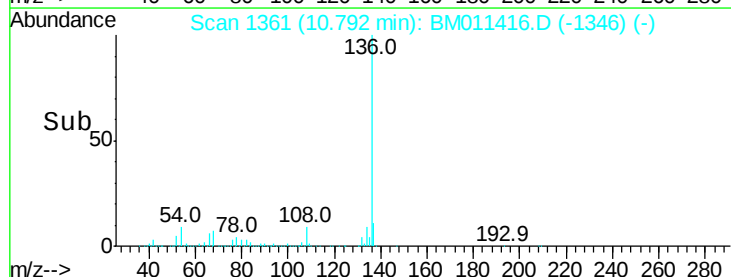
Abundance Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

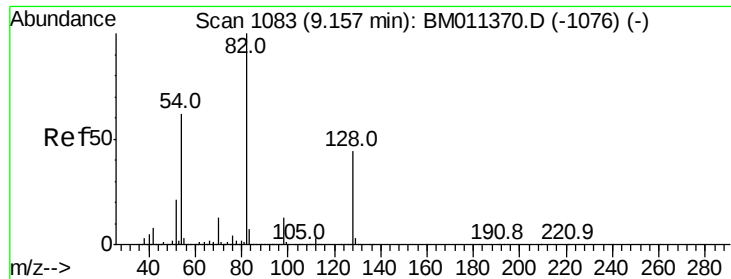
Ion 137.00 (136.70 to 137.70): BM011370.D (-1353) (-)

Ion 54.00 (53.70 to 54.70): BM011370.D (-1353) (-)

Ion 68.00 (67.70 to 68.70): BM011370.D (-1353) (-)

Time-->

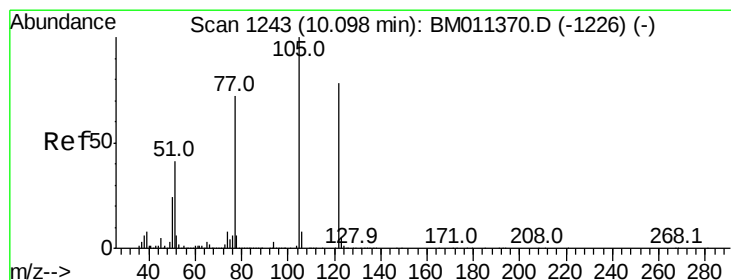
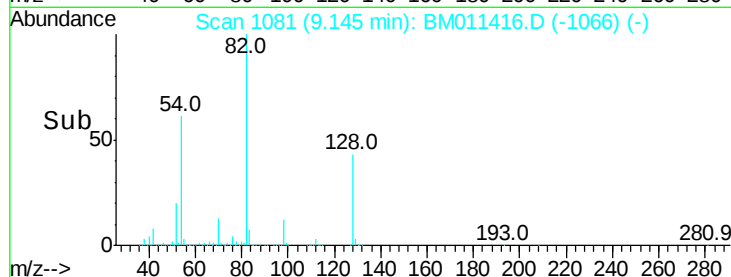
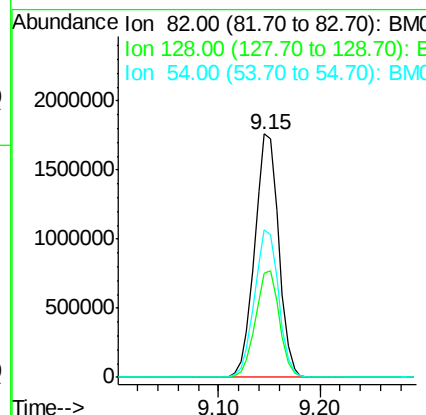
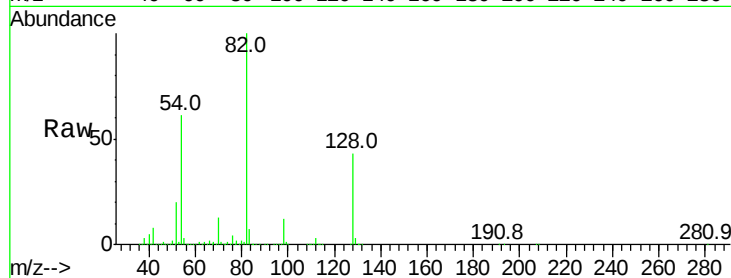




#23
 Nitrobenzene-d5
 Concen: 95.296 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011416.D
 Acq: 02 Sep 2017 15:29

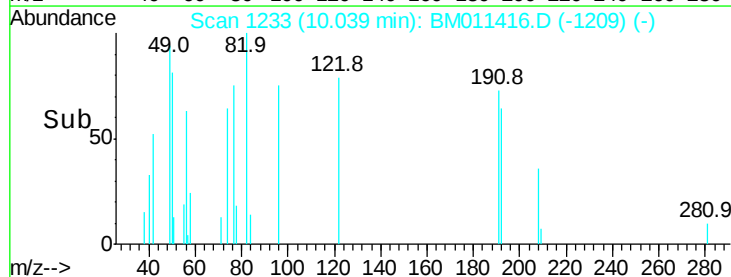
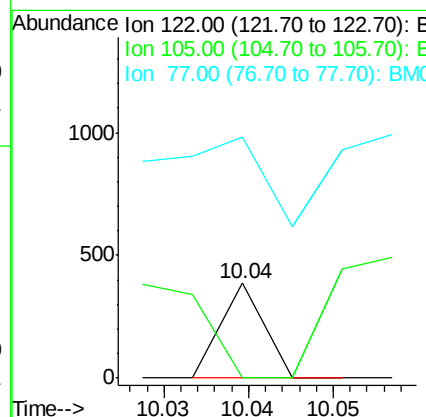
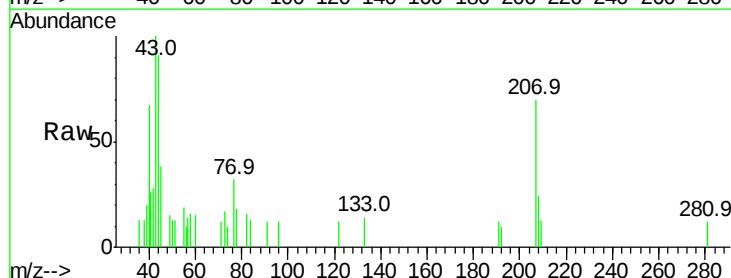
Instrument :
 BNA_M
 ClientSampleId :
 TP-5-6-COMP

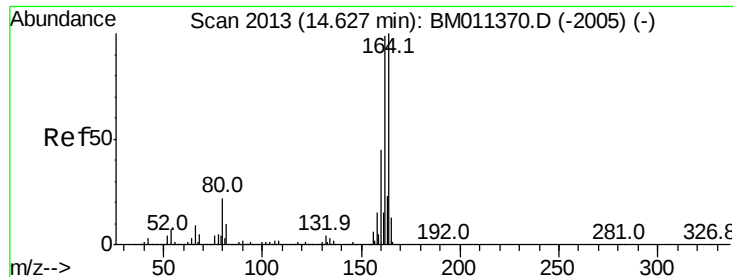
Tot Ion: 82 Resp: 2892663
 Ion Ratio Lower Upper
 82 100
 128 43.0 32.8 49.2
 54 60.8 40.6 60.8



#32
 Benzoic acid
 Concen: 6.546 ng
 RT: 10.04 min Scan# 1233
 Delta R.T. -0.06 min
 Lab File: BM011416.D
 Acq: 02 Sep 2017 15:29

Tgt Ion: 122 Resp: 136
 Ion Ratio Lower Upper
 122 100
 105 0.0 99.9 139.9#
 77 254.0 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BM011416.D

Acq: 02 Sep 2017 15:29

Instrument :

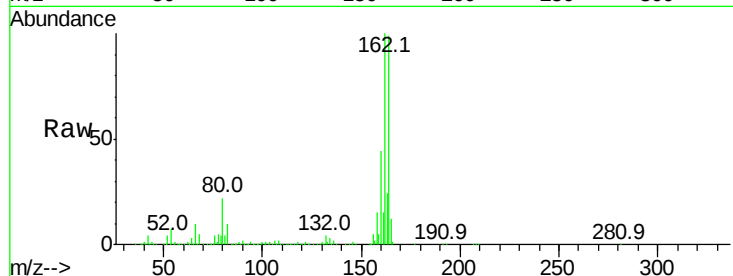
BNA_M

ClientSampleId :

TP-5-6-COMP

Tot Ion:164 Resp: 1126271

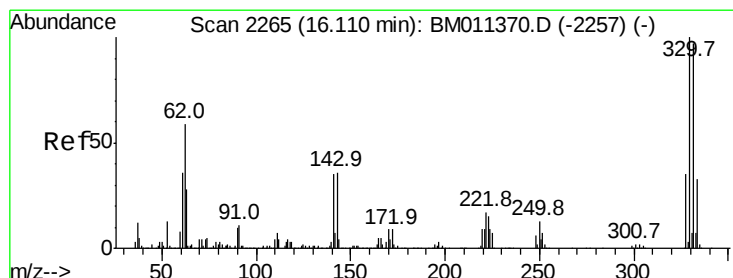
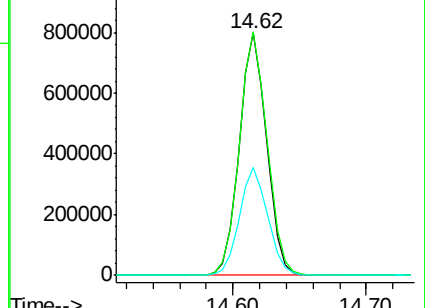
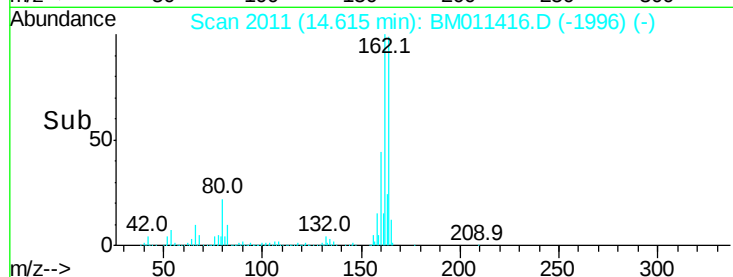
Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.4	123.6
160	44.5	35.8	53.6



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: 135.687 ng

RT: 16.10 min Scan# 2263

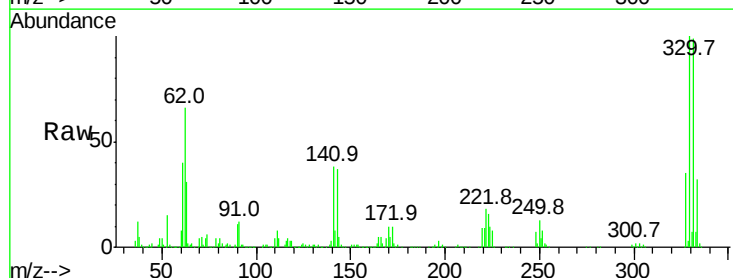
Delta R.T. -0.01 min

Lab File: BM011416.D

Acq: 02 Sep 2017 15:29

Tgt Ion:330 Resp: 1768061

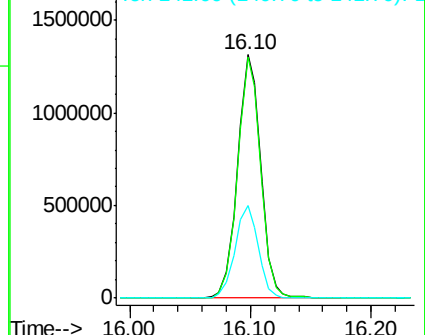
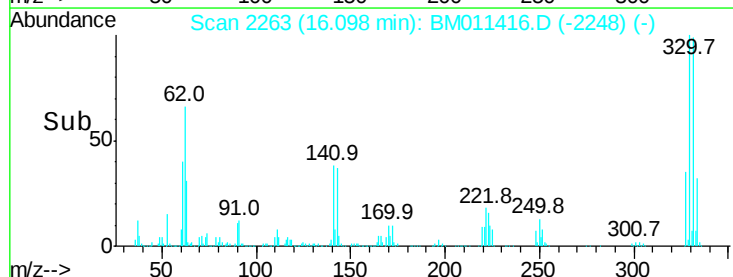
Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	38.2	0.0	0.0#

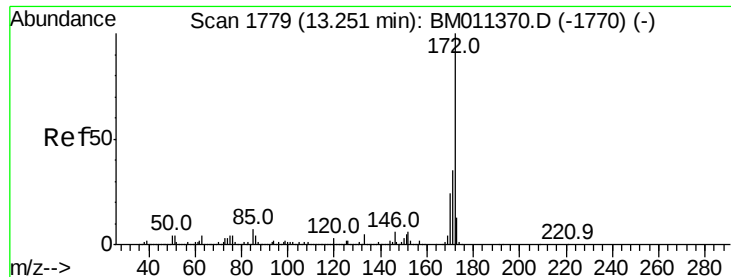


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

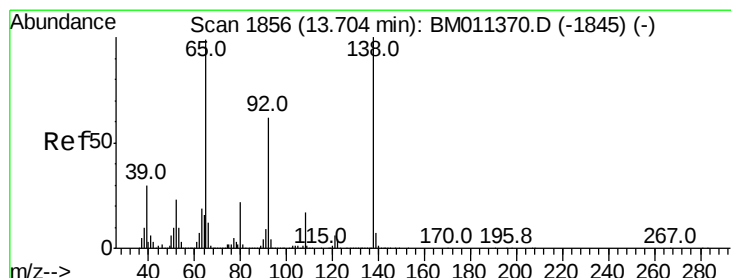
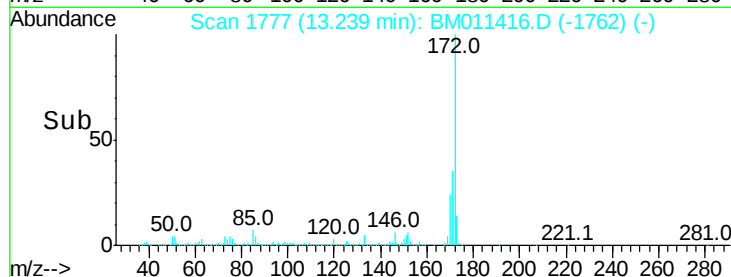
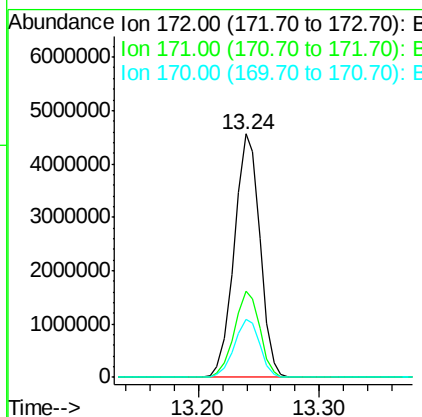
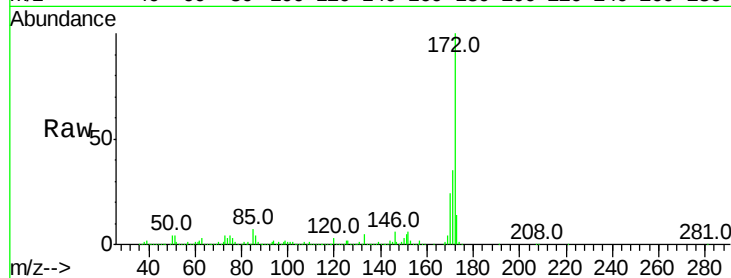




#44
2-Fluorobiphenyl
Concen: 86.379 ng
RT: 13.24 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BM011416.D
Acq: 02 Sep 2017 15:29

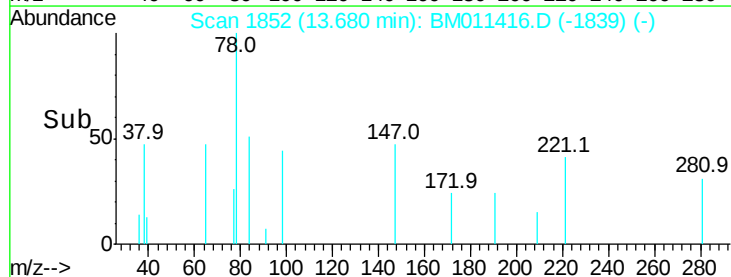
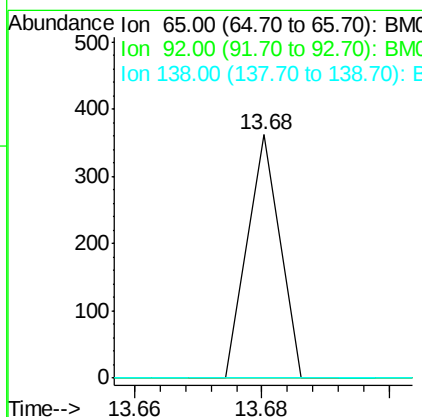
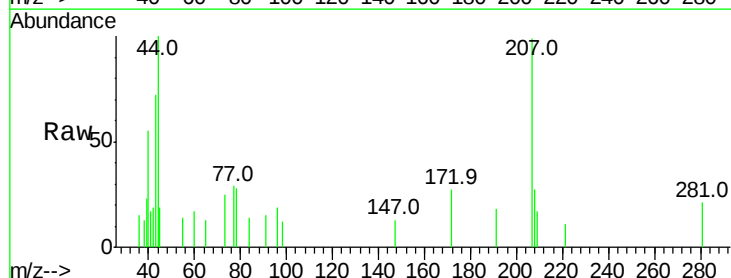
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TP-5-6-COMP

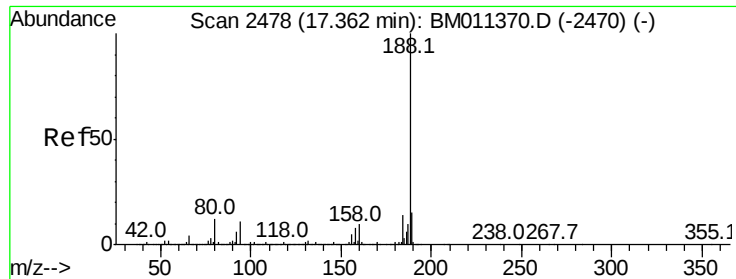
Tot Ion:172 Resp: 6749069
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.0 18.8 28.2



#47
2-Nitroaniline
Concen: 5.442 ng
RT: 13.68 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BM011416.D
Acq: 02 Sep 2017 15:29

Tgt Ion: 65 Resp: 128
Ion Ratio Lower Upper
65 100
92 0.0 59.1 88.7#
138 0.0 93.9 140.9#

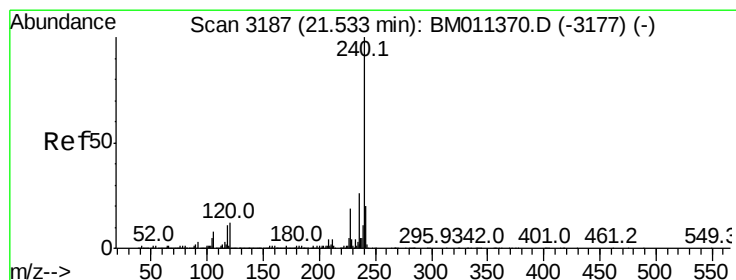
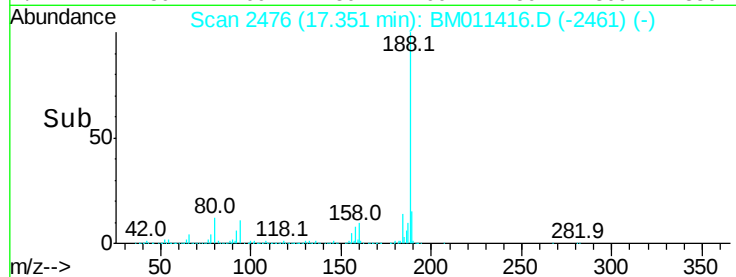
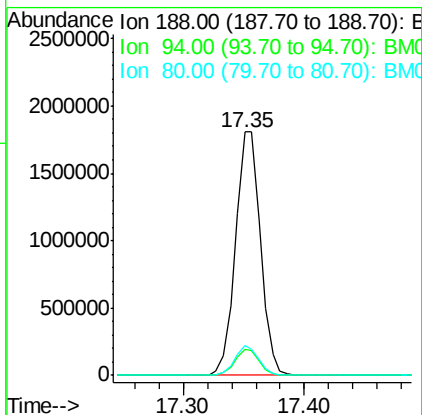
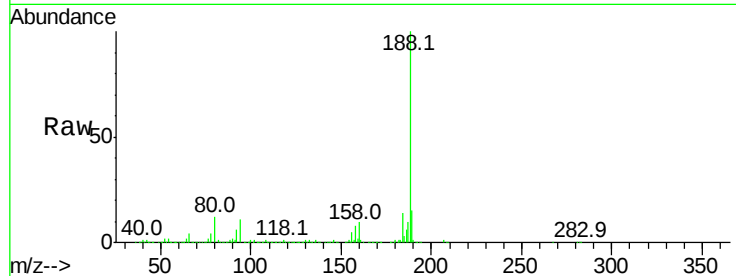




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011416.D
Acq: 02 Sep 2017 15:29

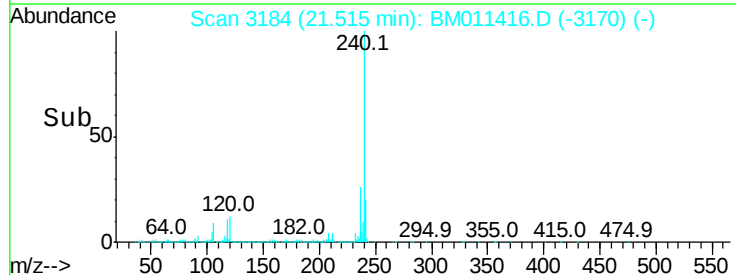
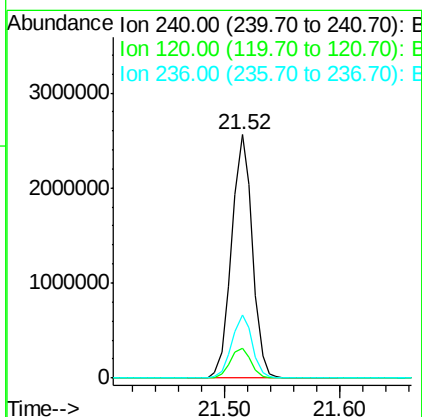
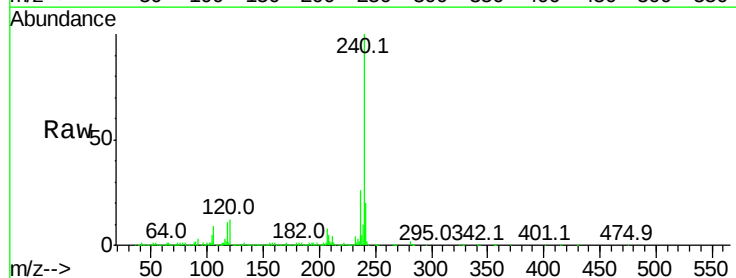
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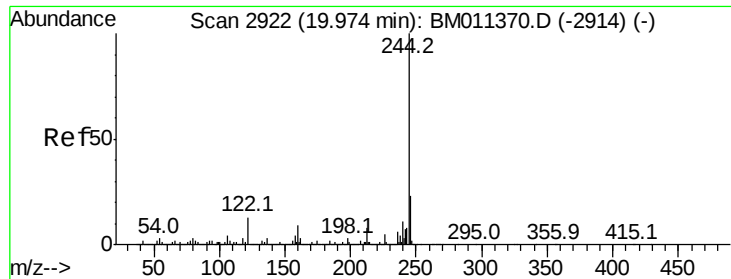
Tot Ion:188 Resp: 2607631
Ion Ratio Lower Upper
188 100
94 10.7 8.7 13.1
80 12.0 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011416.D
Acq: 02 Sep 2017 15:29

Tgt Ion:240 Resp: 3192086
Ion Ratio Lower Upper
240 100
120 12.1 8.2 12.2
236 25.7 20.0 30.0

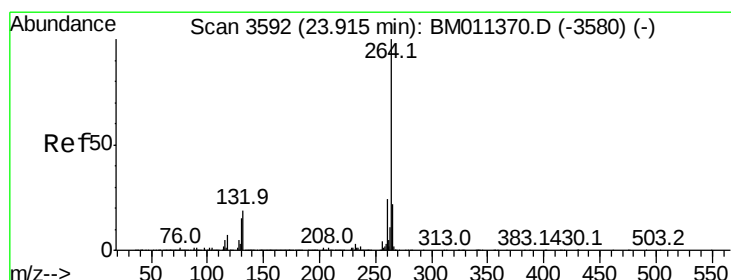
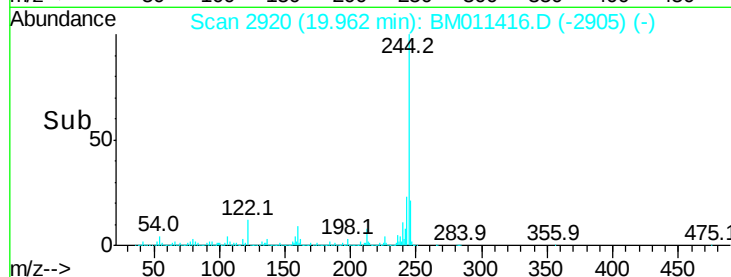
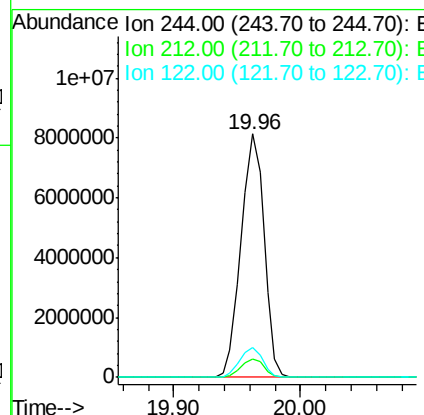
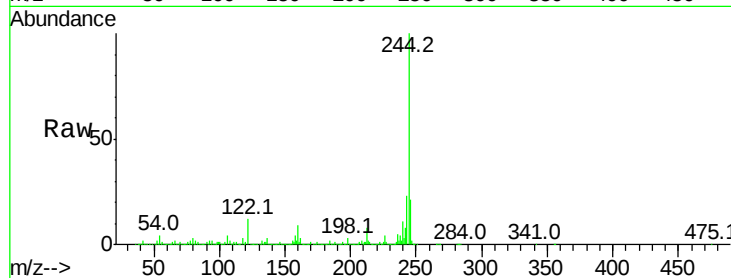




#78
 Terphenyl-d14
 Concen: 79.278 ng
 RT: 19.96 min Scan# 2920
 Delta R.T. -0.01 min
 Lab File: BM011416.D
 Acq: 02 Sep 2017 15:29

Instrument :
 BNA_M
 ClientSampleId :
 TP-5-6-COMP

Tot Ion:244 Resp:10199070
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.9 7.3#
 122 12.4 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.89 min Scan# 3588
 Delta R.T. -0.02 min
 Lab File: BM011416.D
 Acq: 02 Sep 2017 15:29

Tgt Ion:264 Resp: 3016019
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 22.3 17.3 25.9

