

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030718\
 Data File : BM014508.D
 Acq On : 06 Mar 2018 21:12
 Operator : SJ/JU
 Sample : J1699-53
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 07 03:59:14 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

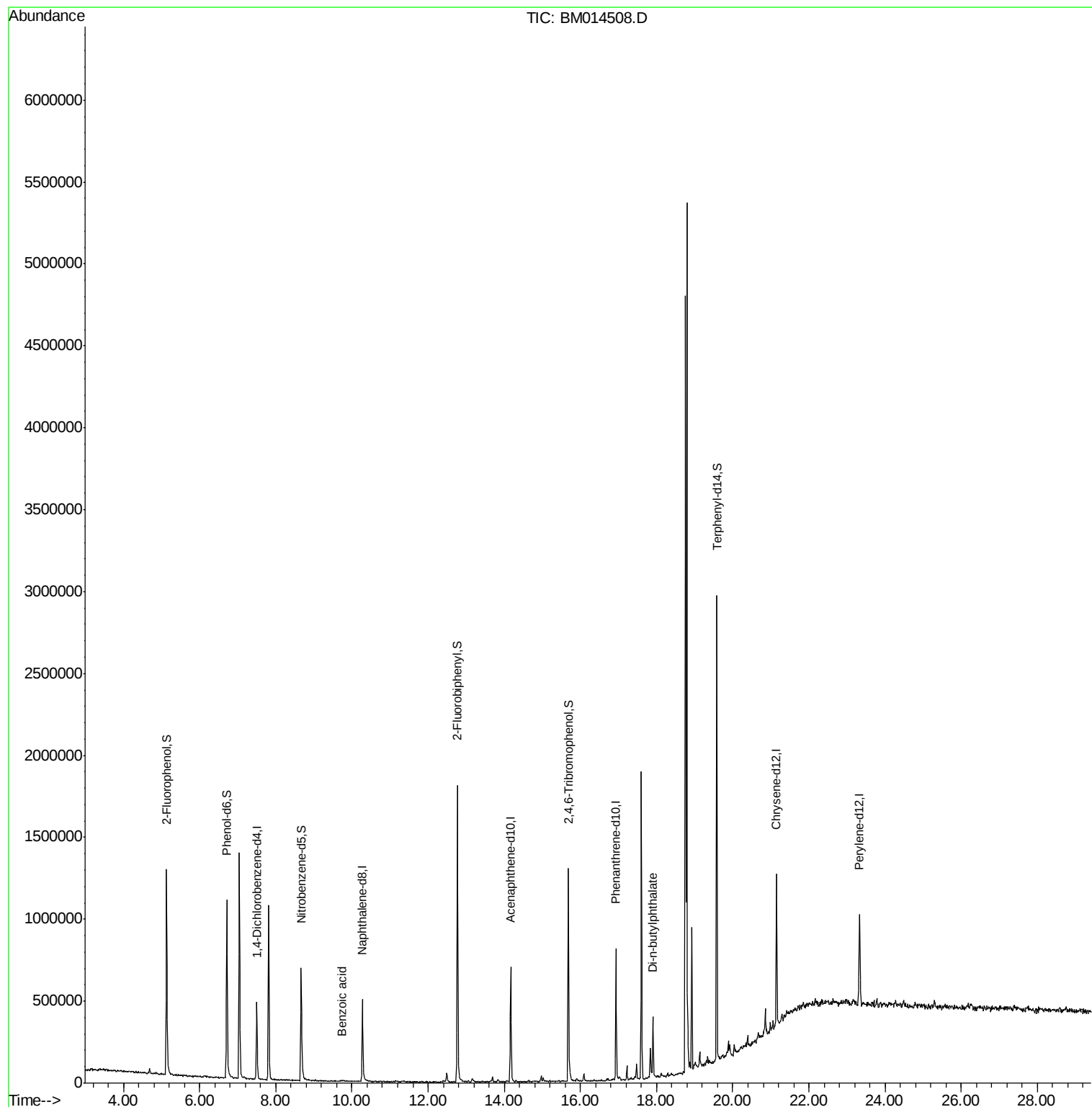
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	107605	20.00	ng	-0.05
21) Naphthalene-d8	10.27	136	394015	20.00	ng	-0.04
38) Acenaphthene-d10	14.17	164	221336	20.00	ng	-0.03
63) Phenanthrene-d10	16.93	188	444165	20.00	ng	-0.02
75) Chrysene-d12	21.15	240	407502	20.00	ng	-0.02
86) Perylene-d12	23.33	264	398676	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	451119	73.07	ng	-0.03
7) Phenol-d6	6.71	99	581476	66.50	ng	-0.03
23) Nitrobenzene-d5	8.67	82	433999	49.20	ng	-0.04
41) 2,4,6-Tribromophenol	15.69	330	197358	62.84	ng	-0.02
44) 2-Fluorobiphenyl	12.77	172	899801	50.75	ng	-0.04
78) Terphenyl-d14	19.58	244	1070345	51.32	ng	-0.02
Target Compounds						
32) Benzoic acid	9.73	122	1027	6.384	ng	Qvalue 89
73) Di-n-butylphthalate	17.90	149	211149	6.723	ng	# 93

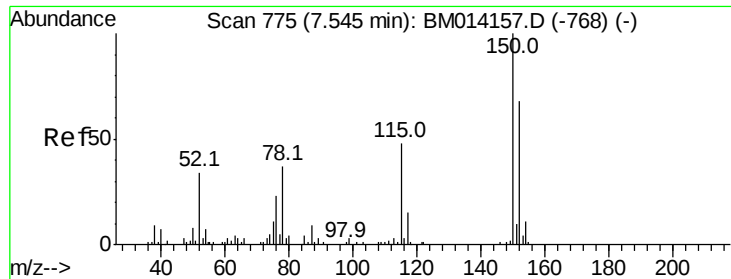
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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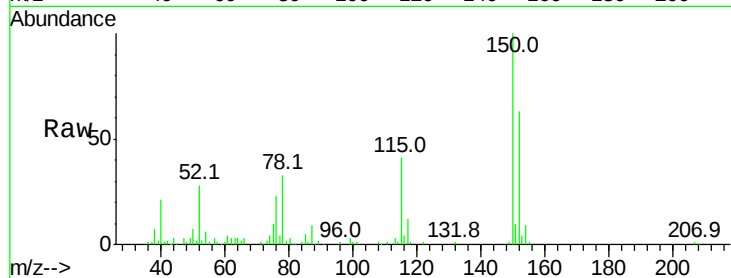


#1

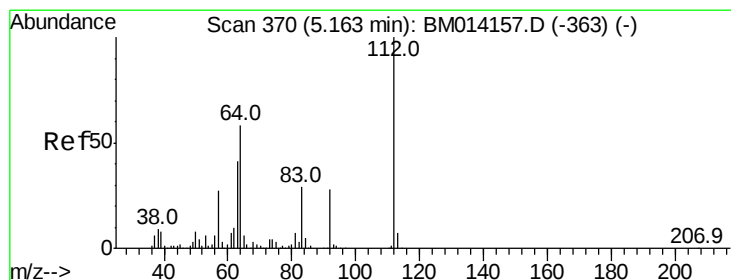
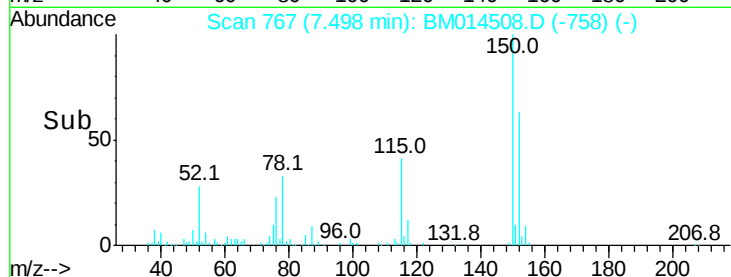
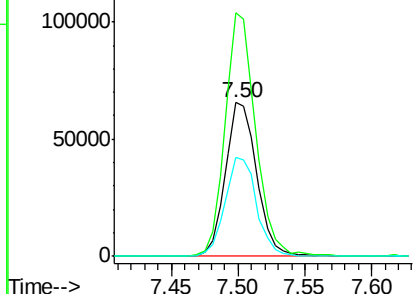
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.05 min
Lab File: BM014508.D
Acq: 06 Mar 2018 21:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	119.5	179.3
115	64.6	43.0	64.4#



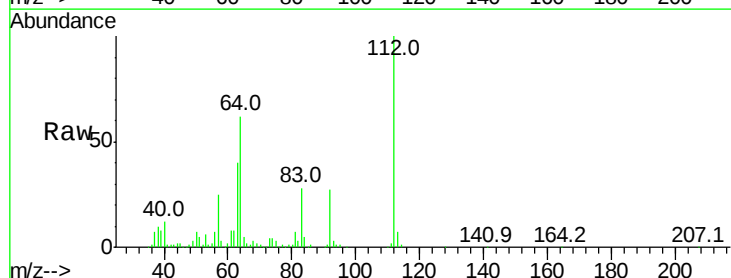
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



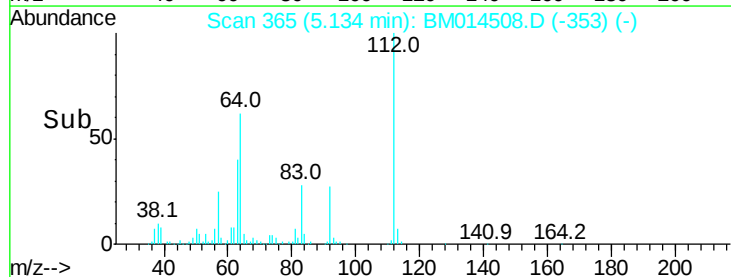
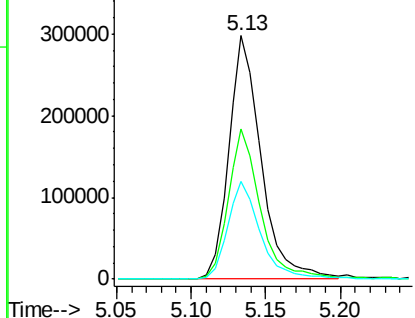
#5

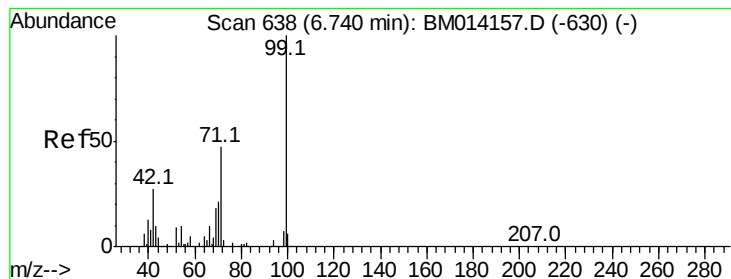
2-Fluorophenol
Concen: 73.072 ng
RT: 5.13 min Scan# 365
Delta R.T. -0.03 min
Lab File: BM014508.D
Acq: 06 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	38.6	57.8#
63	40.2	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: 66.503 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.03 min

Lab File: BM014508.D

Acq: 06 Mar 2018 21:12

Instrument :

BNA_M

ClientSampled :

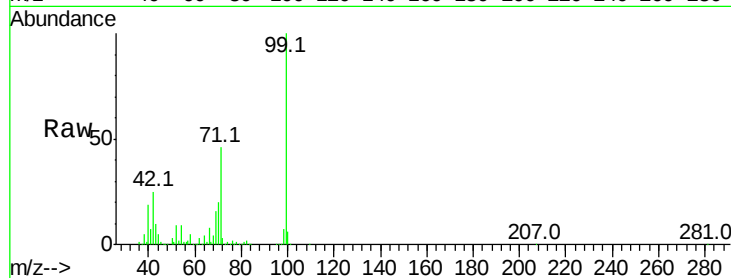
Tot Ion: 99 Resp: 581476

Ion Ratio Lower Upper

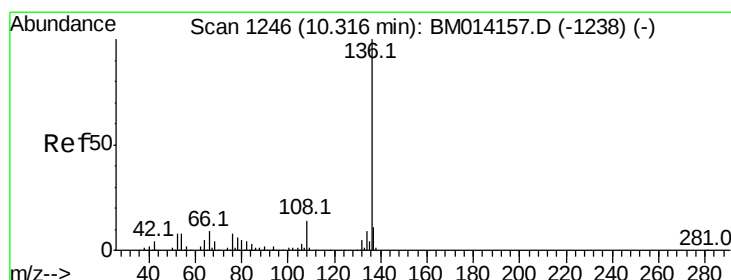
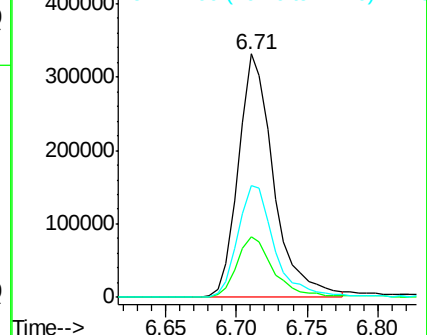
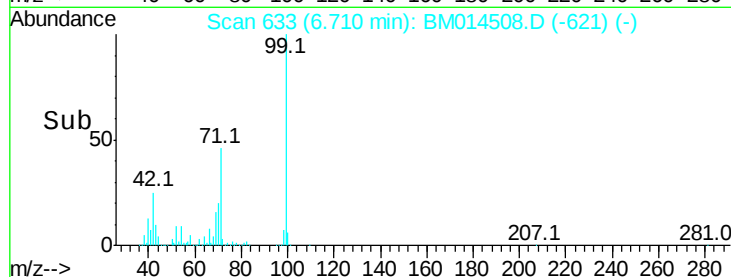
99 100

42 24.7 11.0 16.4#

71 45.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014508.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.27 min Scan# 1239

Delta R.T. -0.04 min

Lab File: BM014508.D

Acq: 06 Mar 2018 21:12

Tgt Ion: 136 Resp: 394015

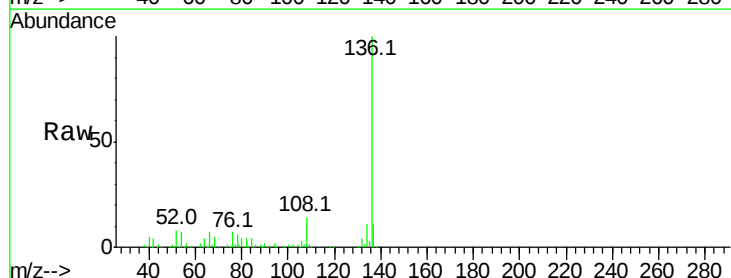
Ion Ratio Lower Upper

136 100

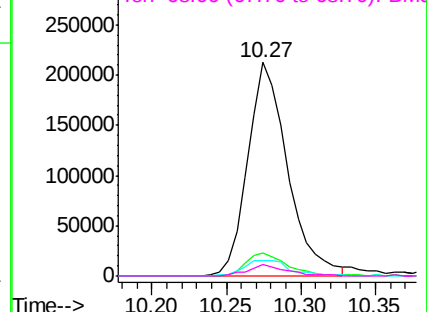
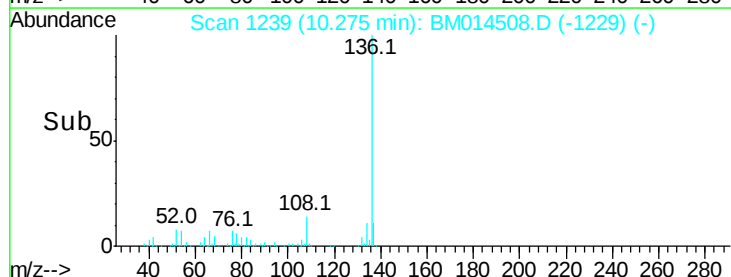
137 10.9 8.7 13.1

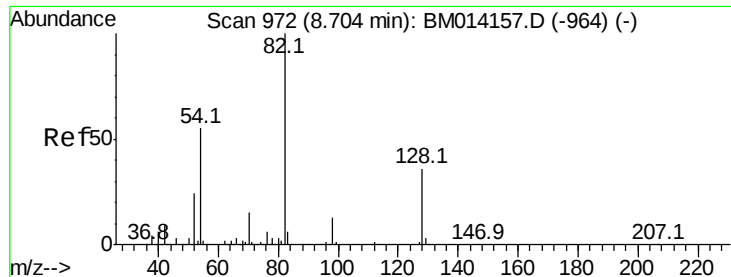
54 7.1 4.6 6.8#

68 5.4 3.7 5.5



Abundance Ion 136.00 (135.70 to 136.70): BM014508.D (-1229) (-)

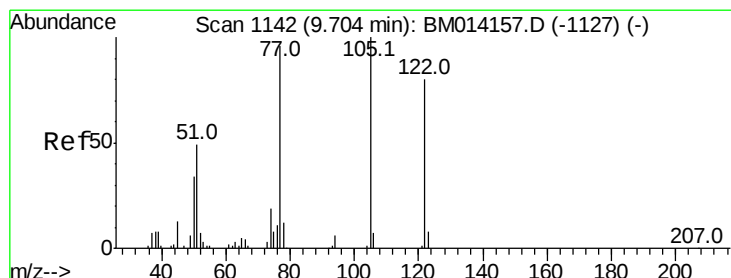
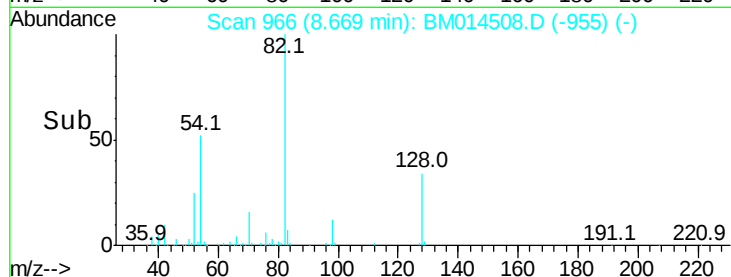
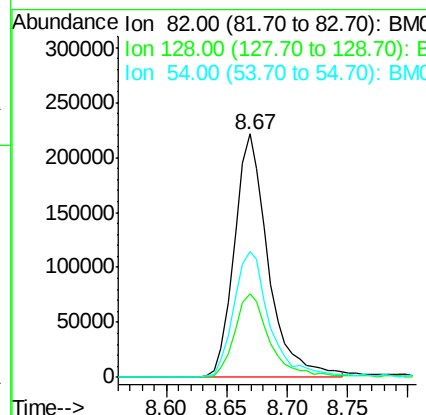
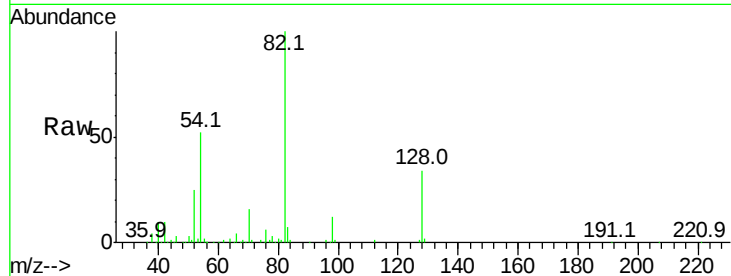




#23
 Nitrobenzene-d5
 Concen: 49.200 ng
 RT: 8.67 min Scan# 966
 Delta R.T. -0.04 min
 Lab File: BM014508.D
 Acq: 06 Mar 2018 21:12

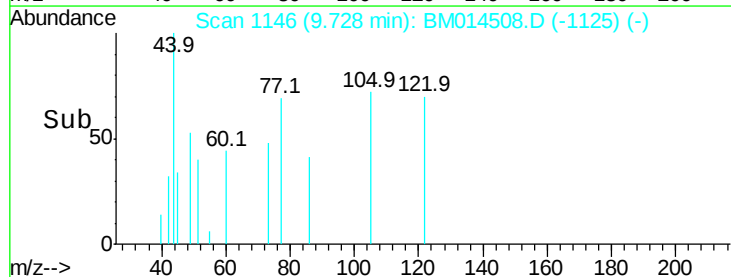
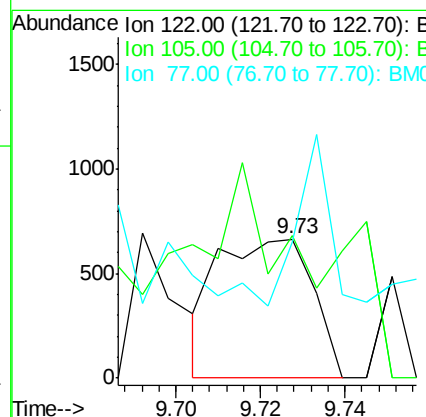
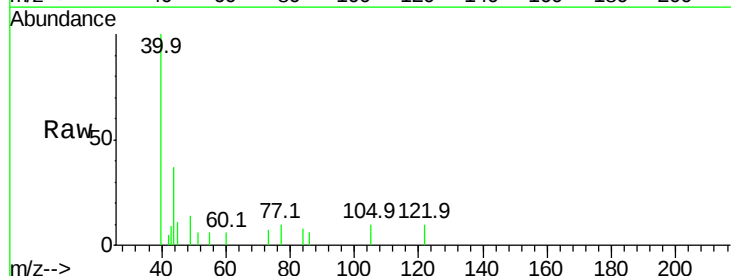
Instrument :
 BNA_M
 ClientSampleId :

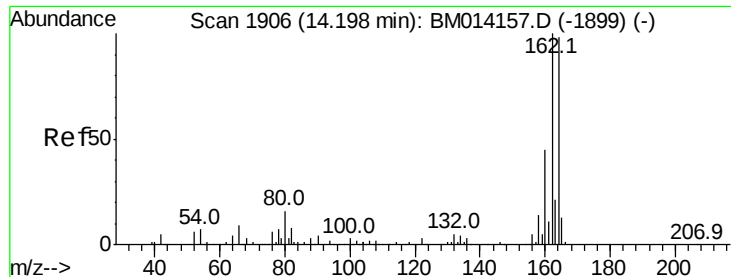
Tot Ion	82	Resp	433999
Ion Ratio	Lower	Upper	
82	100		
128	34.3	32.8	49.2
54	51.6	40.6	60.8



#32
 Benzoic acid
 Concen: 6.384 ng
 RT: 9.73 min Scan# 1146
 Delta R.T. 0.02 min
 Lab File: BM014508.D
 Acq: 06 Mar 2018 21:12

Tgt Ion	122	Resp	1027
Ion Ratio	Lower	Upper	
122	100		
105	102.4	99.9	139.9
77	97.7	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: BM014508.D

Acq: 06 Mar 2018 21:12

Instrument :

BNA_M

ClientSampleId :

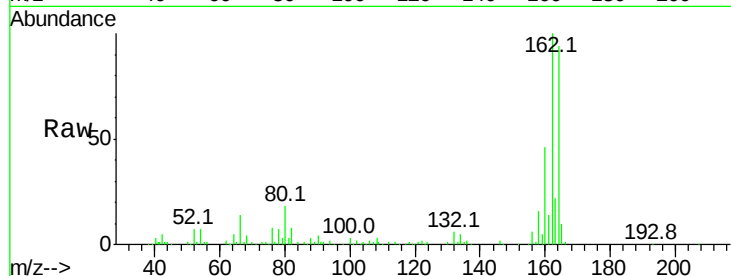
Tot Ion:164 Resp: 221336

Ion Ratio Lower Upper

164 100

162 106.2 82.4 123.6

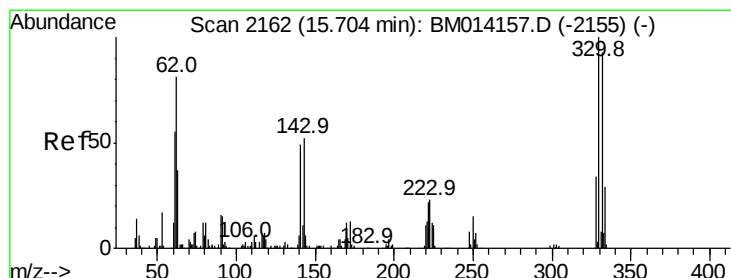
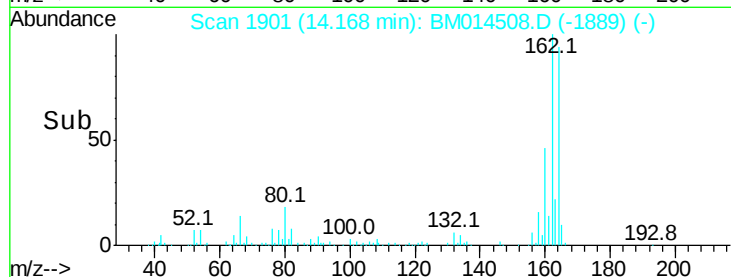
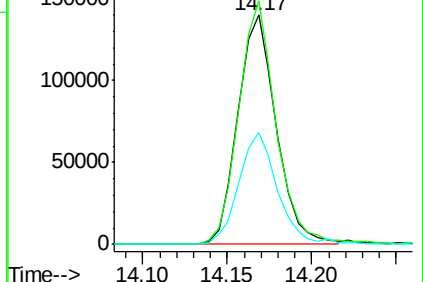
160 48.7 35.8 53.6



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: 62.839 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.02 min

Lab File: BM014508.D

Acq: 06 Mar 2018 21:12

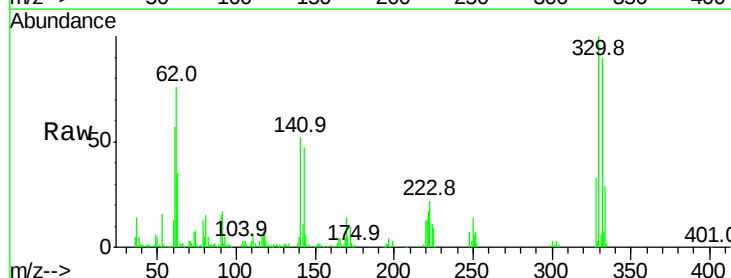
Tgt Ion:330 Resp: 197358

Ion Ratio Lower Upper

330 100

332 94.5 0.0 0.0#

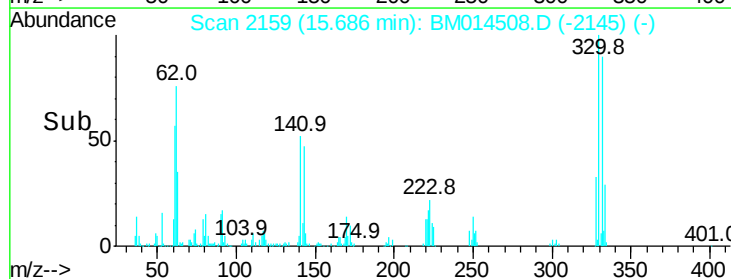
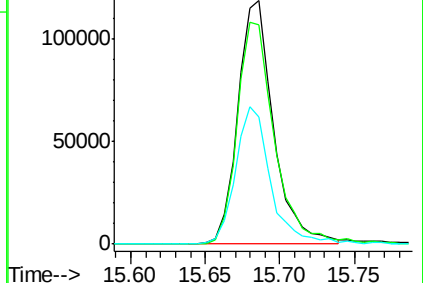
141 55.0 0.0 0.0#

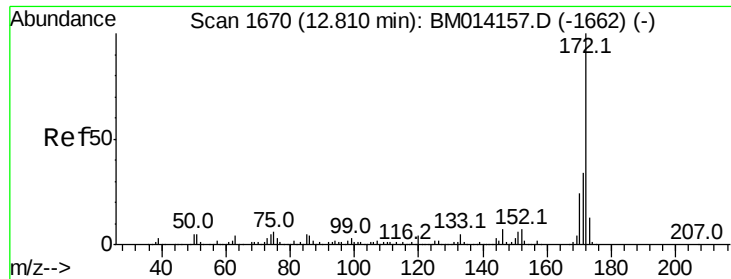


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

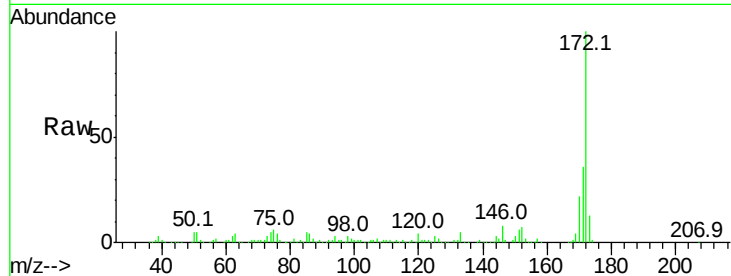




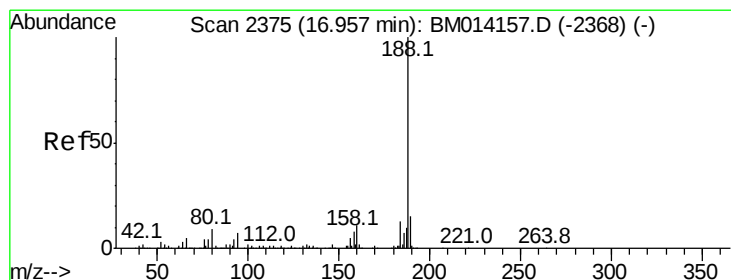
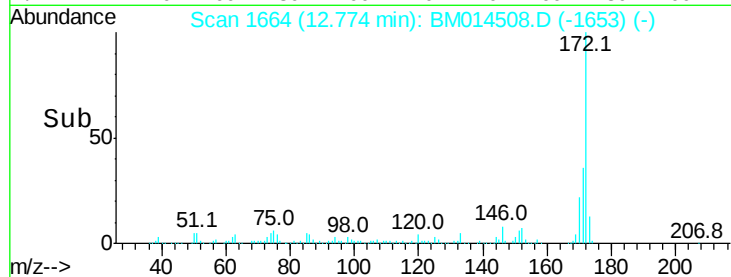
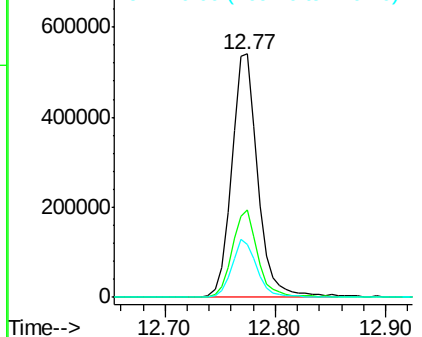
#44
2-Fluorobiphenyl
Concen: 50.748 ng
RT: 12.77 min Scan# 1664
Delta R.T. -0.04 min
Lab File: BM014508.D
Acq: 06 Mar 2018 21:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 899801
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 21.9 18.8 28.2

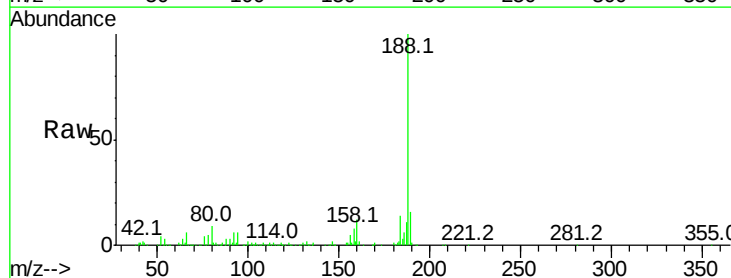


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

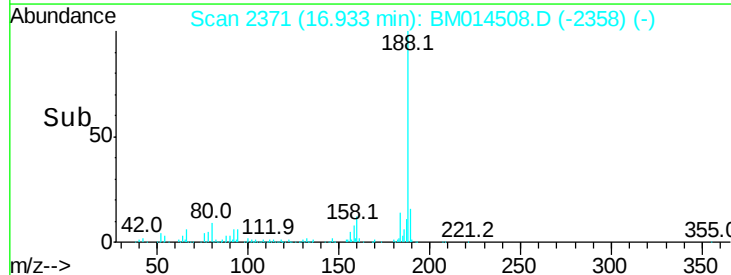
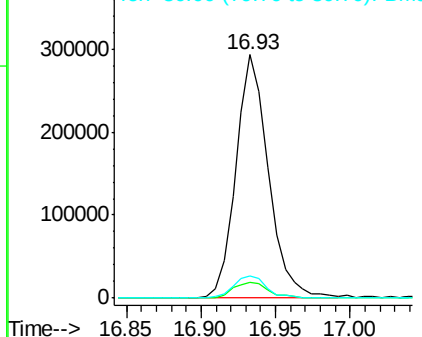


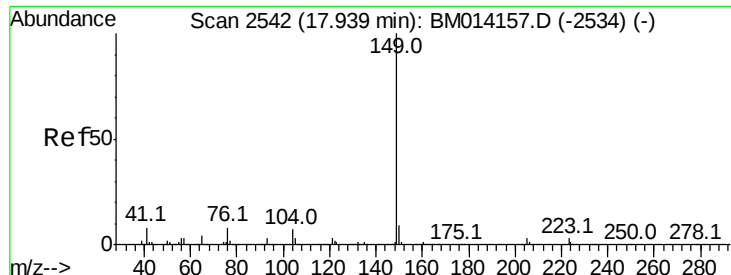
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM014508.D
Acq: 06 Mar 2018 21:12

Tgt Ion:188 Resp: 444165
Ion Ratio Lower Upper
188 100
94 6.4 8.7 13.1#
80 9.1 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

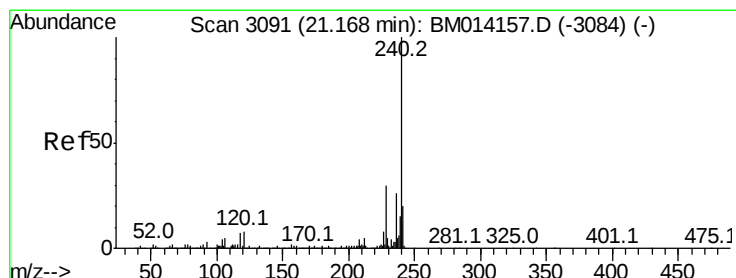
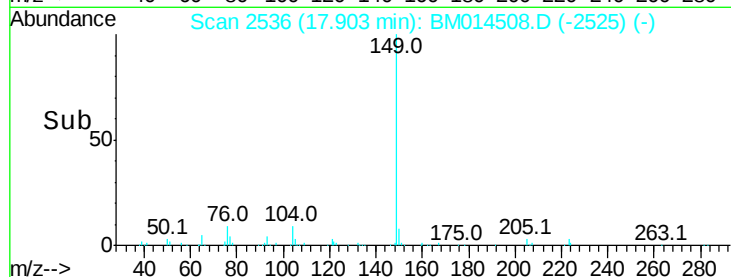
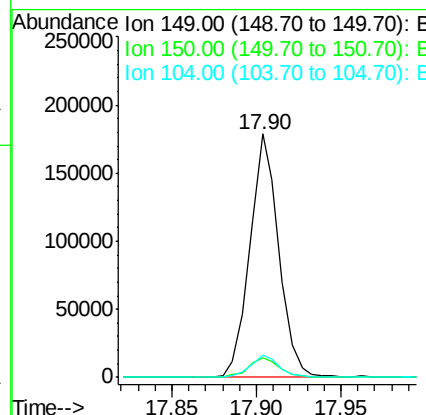
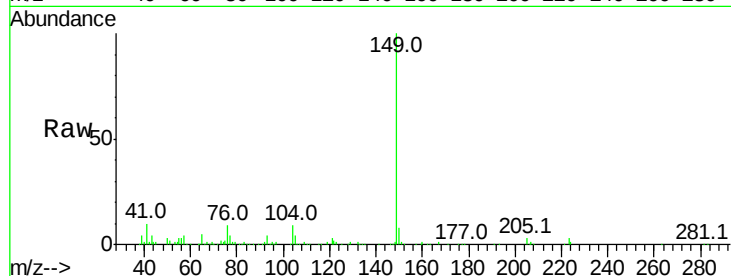




#73
Di-n-butylphthalate
Concen: 6.723 ng
RT: 17.90 min Scan# 2536
Delta R.T. -0.04 min
Lab File: BM014508.D
Acq: 06 Mar 2018 21:12

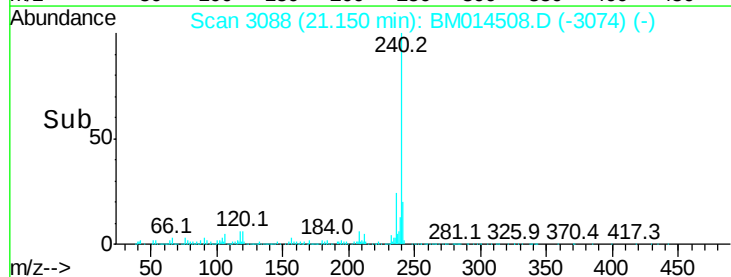
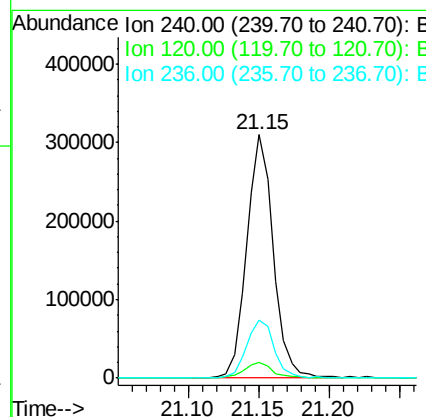
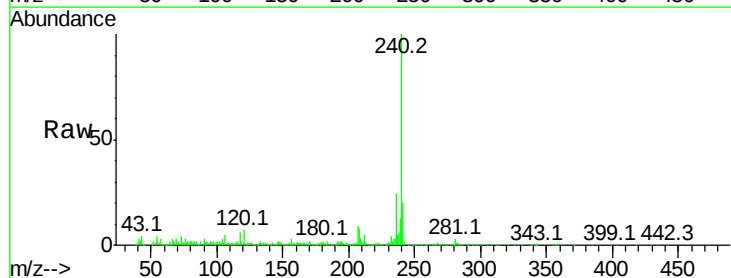
Instrument :
BNA_M
ClientSampleId :

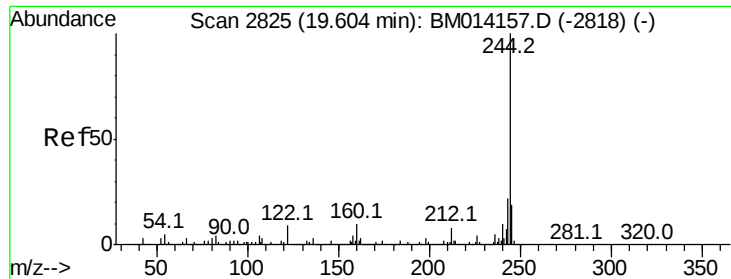
Tot Ion	Ratio	Lower	Upper
149	100		
150	7.9	7.5	11.3
104	8.9	3.7	5.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM014508.D
Acq: 06 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	8.2	12.2
236	24.1	20.0	30.0

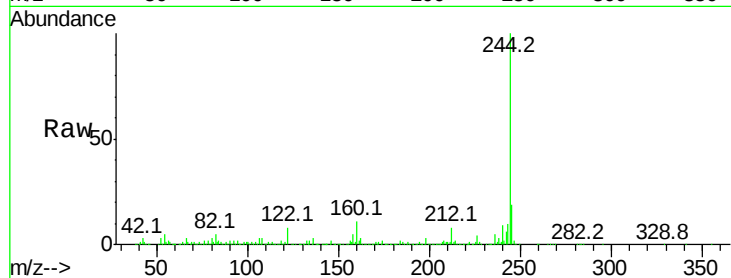




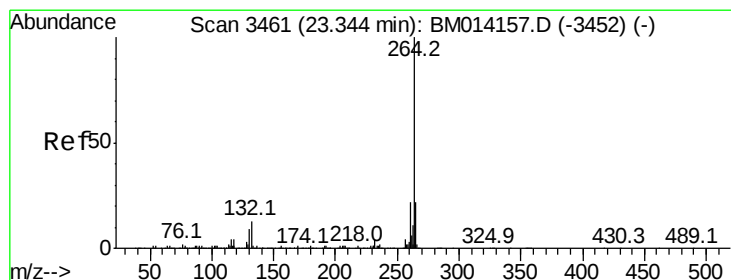
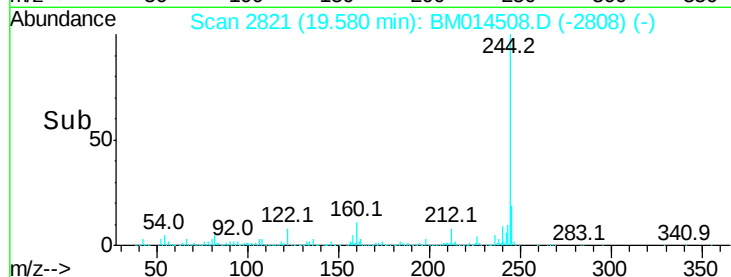
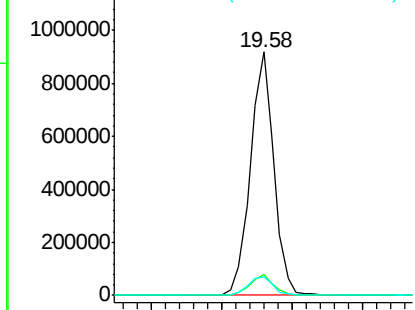
#78
 Terphenyl-d14
 Concen: 51.322 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.02 min
 Lab File: BM014508.D
 Acq: 06 Mar 2018 21:12

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 1070345
 Ion Ratio Lower Upper
 244 100
 212 8.4 4.9 7.3#
 122 7.6 6.2 9.4

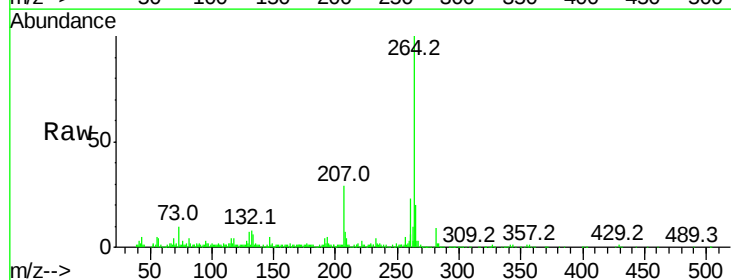


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.33 min Scan# 3458
 Delta R.T. -0.02 min
 Lab File: BM014508.D
 Acq: 06 Mar 2018 21:12

Tgt Ion:264 Resp: 398676
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 27.8
 265 20.0 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

