

Data File : BM017884.D
Acq On : 03 Dec 2018 21:17
Operator : JU/SJ
Sample : J6149-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ENGINE-WASH

Quant Time: Dec 04 06:57:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

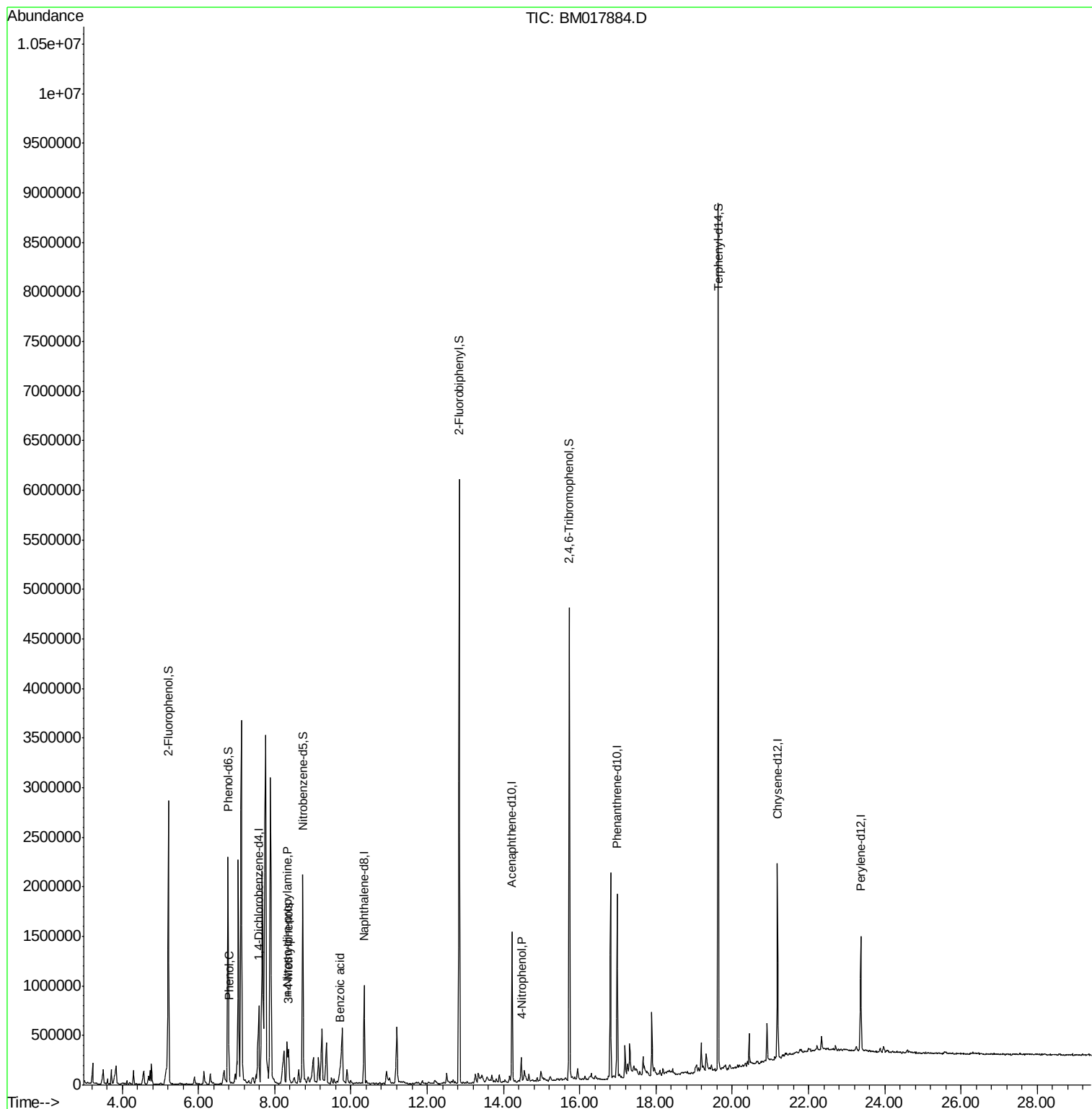
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	190752	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	818607	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	479499	20.00	ng	-0.04
64) Phenanthrene-d10	16.98	188	1062228	20.00	ng	-0.04
76) Chrysene-d12	21.19	240	912684	20.00	ng	-0.03
87) Perylene-d12	23.37	264	820257	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1171136	103.61	ng	-0.03
7) Phenol-d6	6.77	99	1391910	88.17	ng	-0.03
23) Nitrobenzene-d5	8.73	82	1189466	75.01	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	887875	128.87	ng	-0.04
45) 2-Fluorobiphenyl	12.84	172	3045205	82.39	ng	-0.04
79) Terphenyl-d14	19.63	244	3984209	98.94	ng	-0.02
Target Compounds						
10) Phenol	6.80	94	54659	3.299	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	8.32	70	69612	6.141	ng	# 81
20) 3+4-Methylphenols	8.36	107	67567	4.357	ng	92
32) Benzoic acid	9.71	122	64212	6.637	ng	96
56) 4-Nitrophenol	14.48	139	1164	5.093	ng	# 1

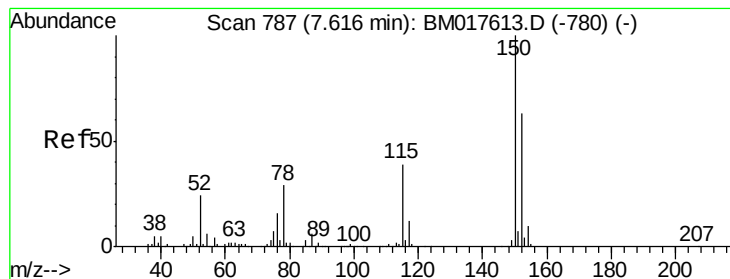
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BM017884.D
Acq On : 03 Dec 2018 21:17
Operator : JU/SJ
Sample : J6149-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ENGINE-WASH

Quant Time: Dec 04 06:57:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration



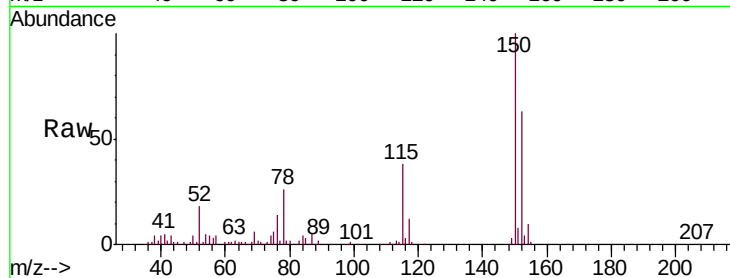


#1

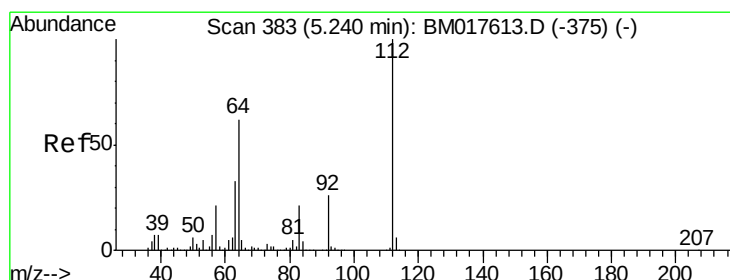
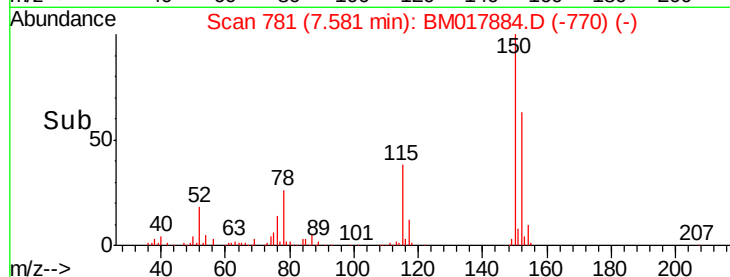
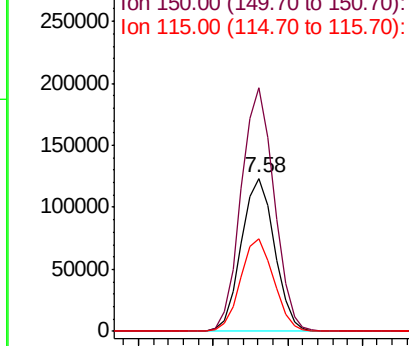
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Instrument :
BNA_M
ClientSampleId :
ENGINE-WASH

Tgt Ion:152 Resp: 190752
Ion Ratio Lower Upper
152 100
150 158.9 126.4 189.6
115 60.6 49.4 74.0



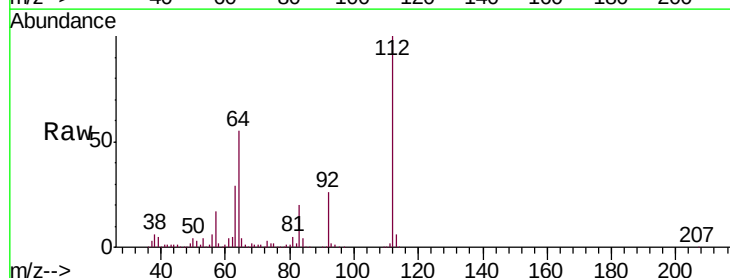
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



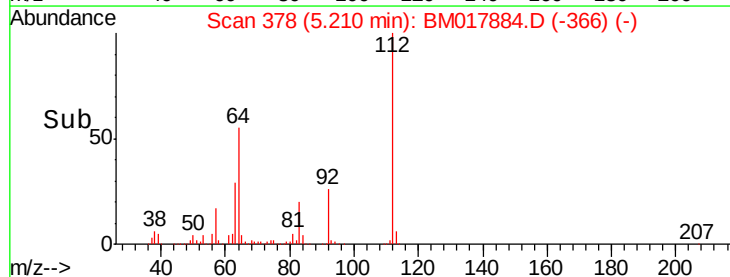
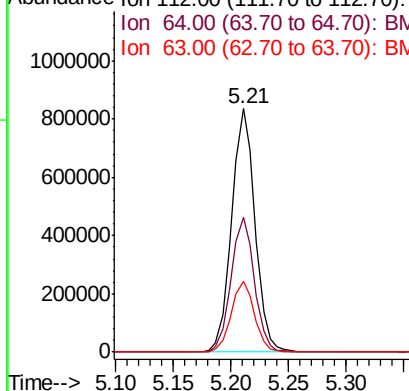
#5

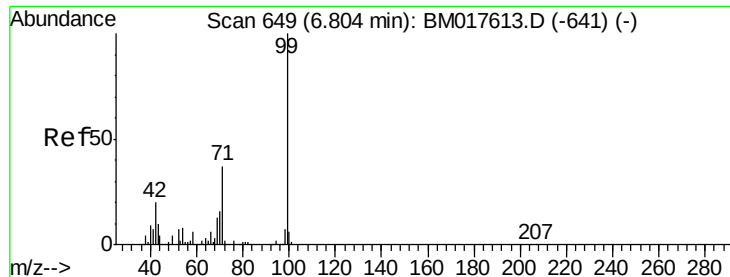
2-Fluorophenol
Concen: 103.614 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Tgt Ion:112 Resp: 1171136
Ion Ratio Lower Upper
112 100
64 55.3 49.3 73.9
63 29.2 26.2 39.4



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: 88.173 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.03 min

Lab File: BM017884.D

Acq: 03 Dec 2018 21:17

Instrument :

BNA_M

ClientSampleId :

ENGINE-WASH

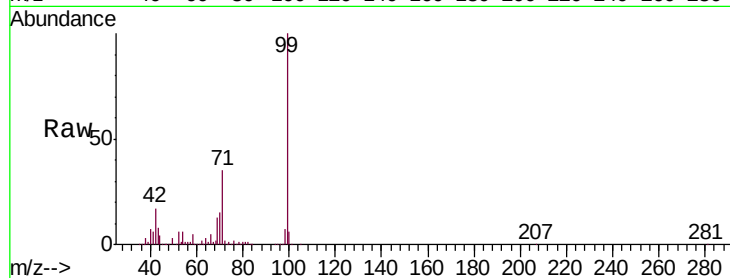
Tgt Ion: 99 Resp: 1391910

Ion Ratio Lower Upper

99 100

42 16.8 16.3 24.5

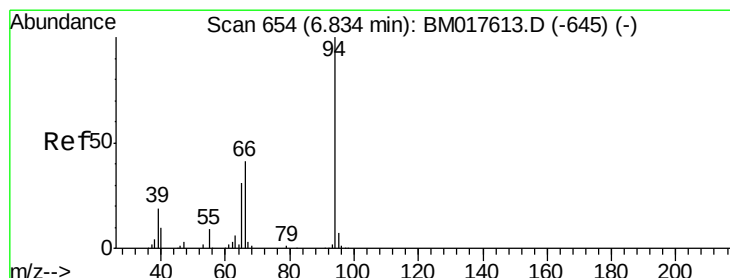
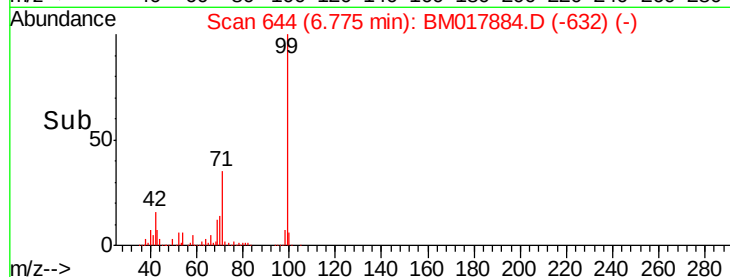
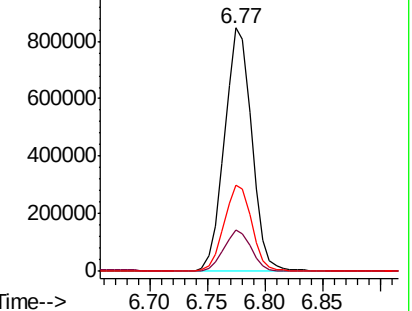
71 35.3 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#10

Phenol

Concen: 3.299 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.03 min

Lab File: BM017884.D

Acq: 03 Dec 2018 21:17

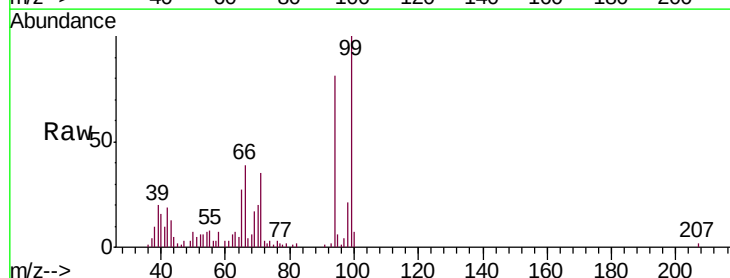
Tgt Ion: 94 Resp: 54659

Ion Ratio Lower Upper

94 100

65 33.7 11.4 51.4

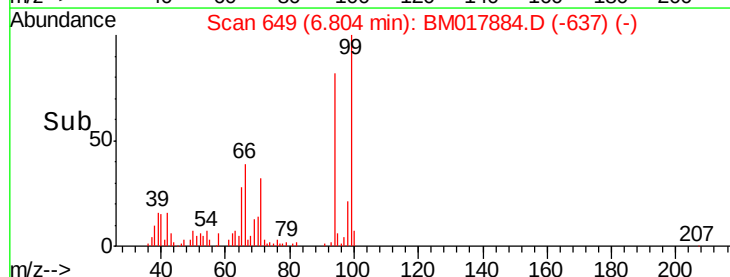
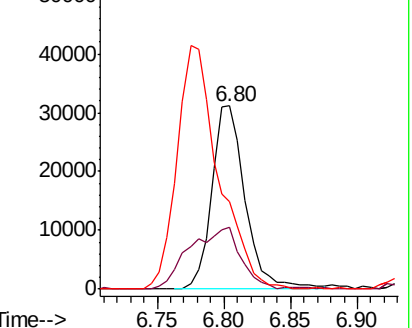
66 47.5 21.4 61.4

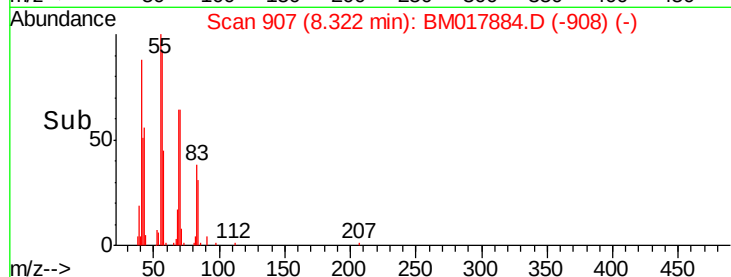
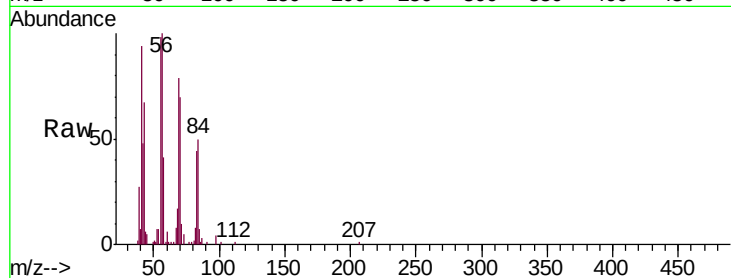
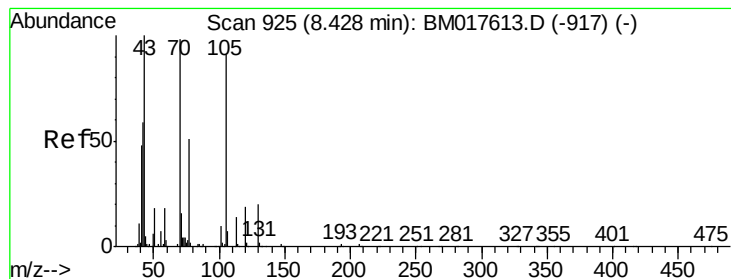


Abundance Ion 94.00 (93.70 to 94.70): BM017613.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017613.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017613.D (-645) (-)





#19

n-Nitroso-di-n-propylamine

Concen: 6.141 ng

RT: 8.32 min Scan# 907

Delta R.T. -0.11 min

Lab File: BM017884.D

Acq: 03 Dec 2018 21:17

Instrument :

BNA_M

ClientSampleId :

ENGINE-WASH

Tgt Ion: 70 Resp: 69612

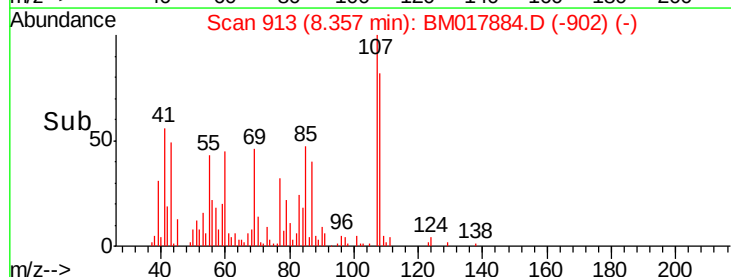
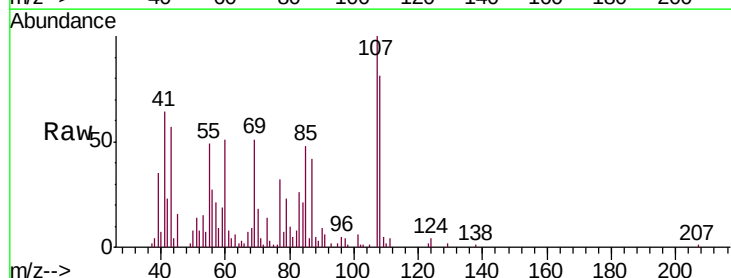
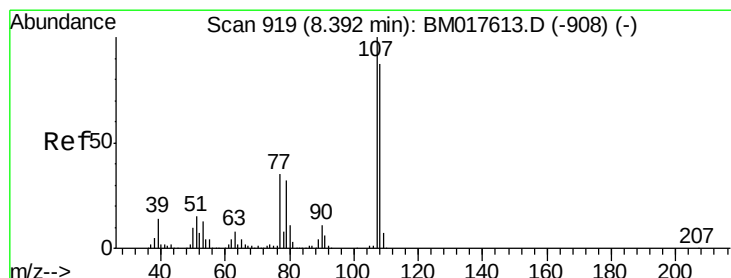
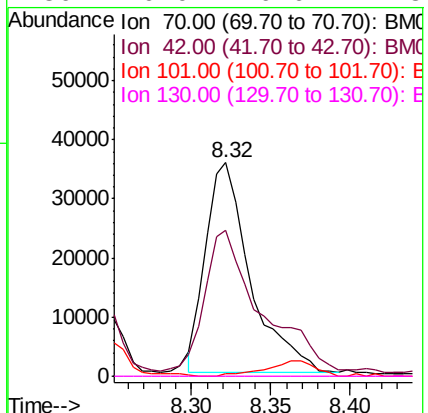
Ion Ratio Lower Upper

70 100

42 68.3 48.6 73.0

101 1.0 7.9 11.9#

130 0.0 16.6 24.8#



#20

3+4-Methylphenols

Concen: 4.357 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.04 min

Lab File: BM017884.D

Acq: 03 Dec 2018 21:17

Tgt Ion: 107 Resp: 67567

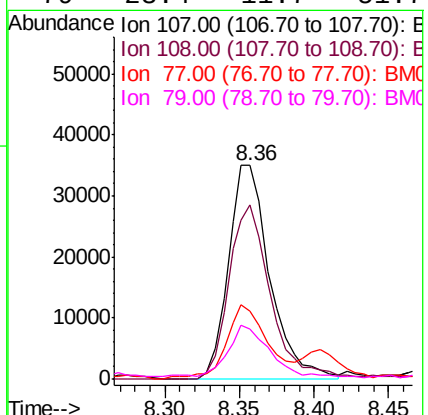
Ion Ratio Lower Upper

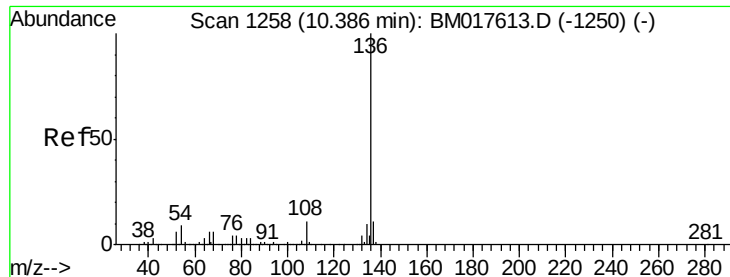
107 100

108 81.4 67.0 107.0

77 31.8 15.6 55.6

79 23.4 11.7 51.7

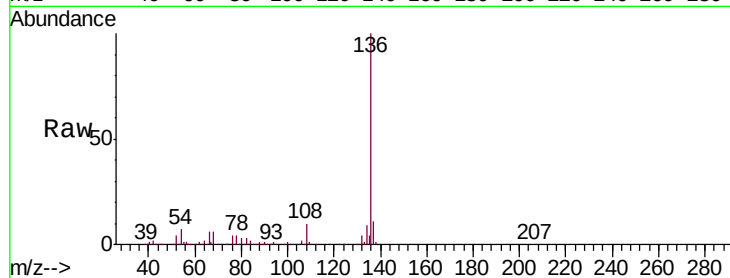




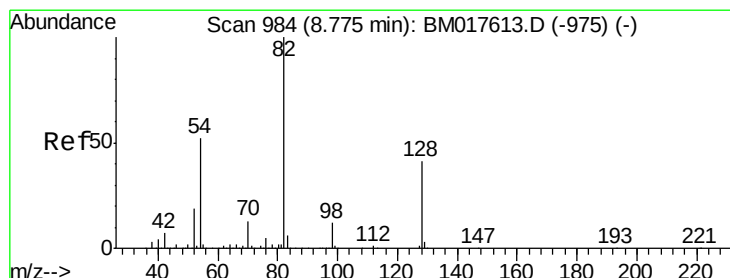
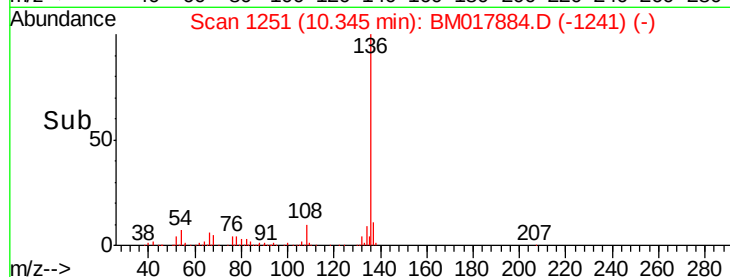
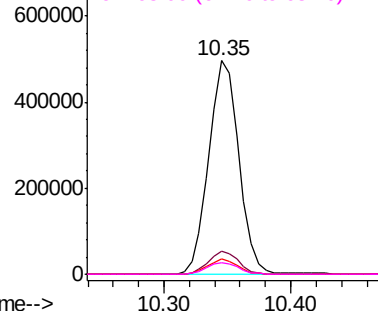
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Instrument :
BNA_M
ClientSampleId :
ENGINE-WASH

Tgt Ion:	136	Resp:	818607
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.1	7.0	10.6
68	5.6	4.9	7.3

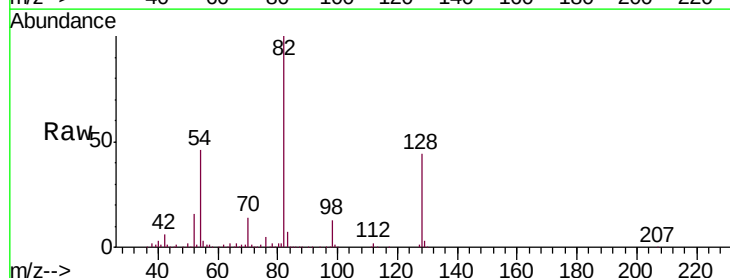


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

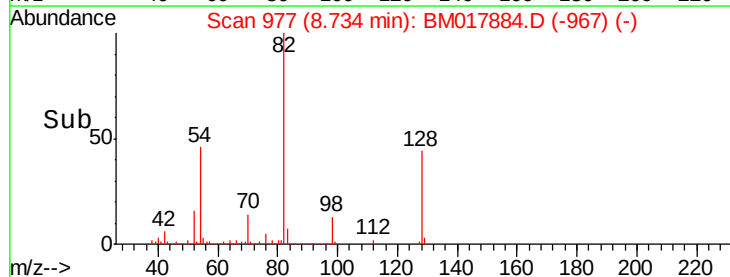
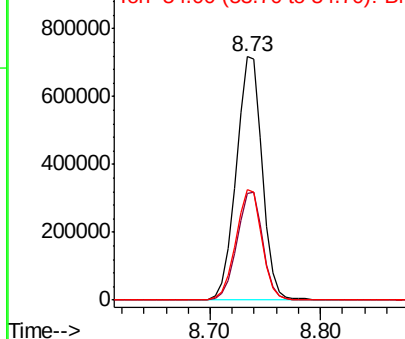


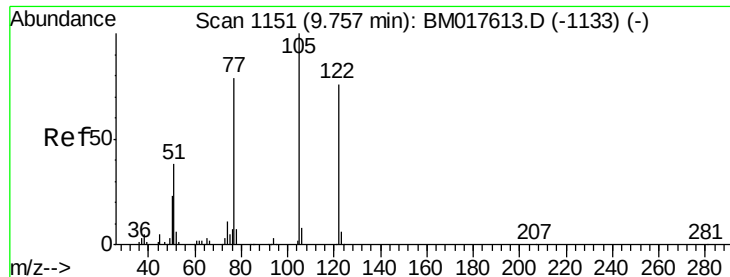
#23
Nitrobenzene-d5
Concen: 75.013 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Tgt Ion:	82	Resp:	1189466
Ion	Ratio	Lower	Upper
82	100		
128	44.0	33.0	49.4
54	45.6	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

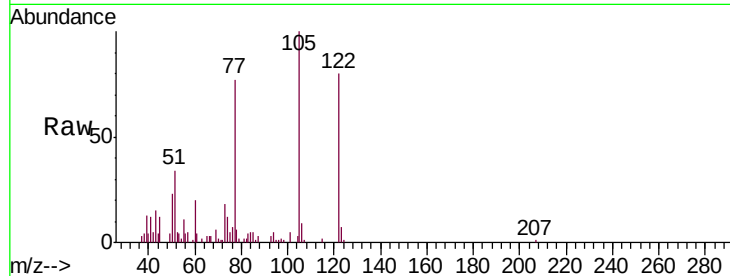




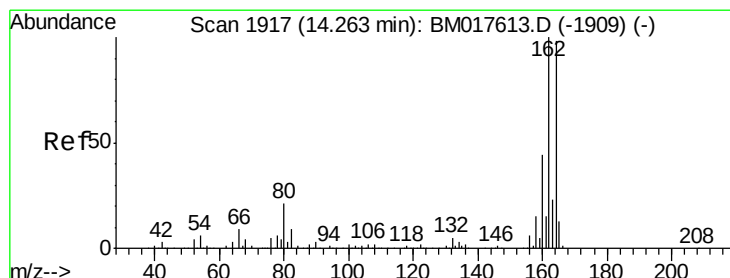
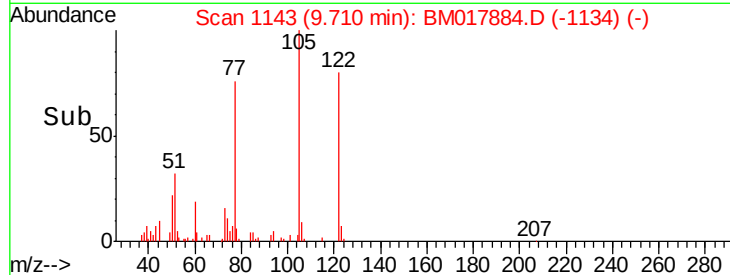
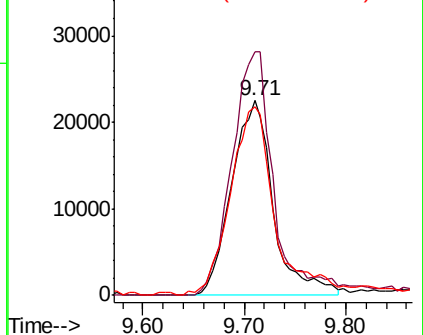
#32
Benzoic acid
Concen: 6.637 ng
RT: 9.71 min Scan# 1143
Delta R.T. -0.05 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Instrument :
BNA_M
ClientSampleId :
ENGINE-WASH

Tgt Ion:122 Resp: 64212
Ion Ratio Lower Upper
122 100
105 124.9 109.1 149.1
77 96.5 82.1 122.1

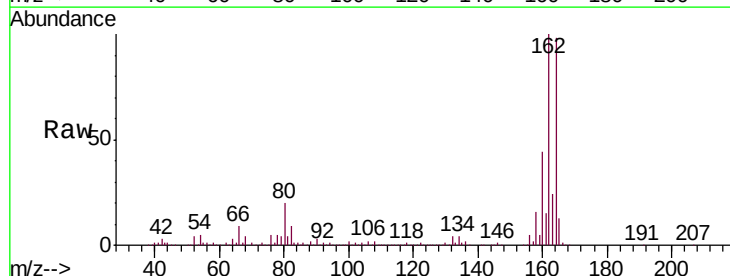


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

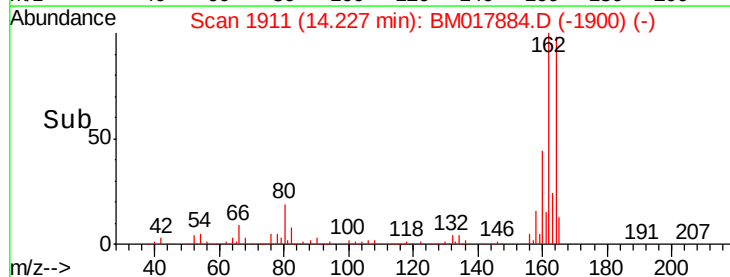
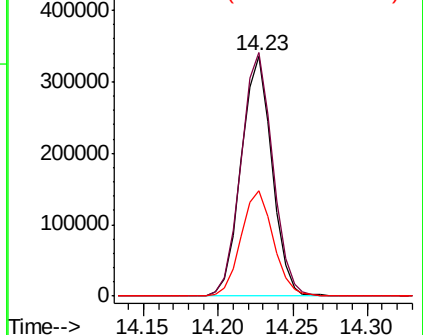


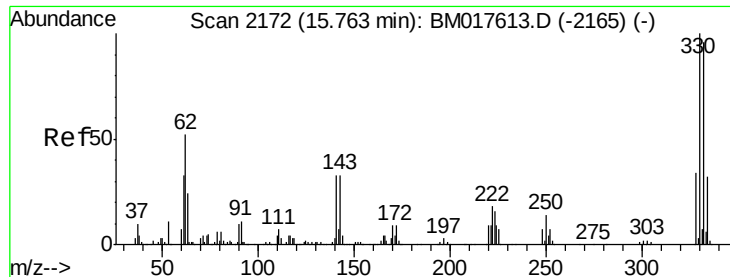
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Tgt Ion:164 Resp: 479499
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 44.2 35.6 53.4



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

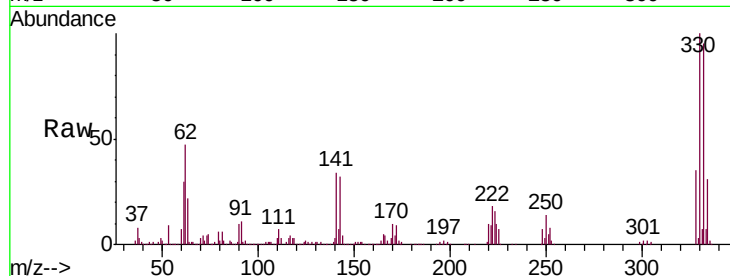




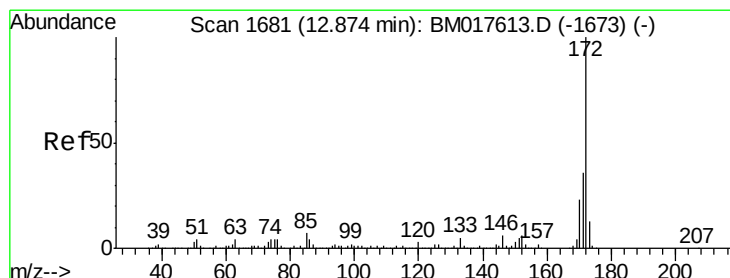
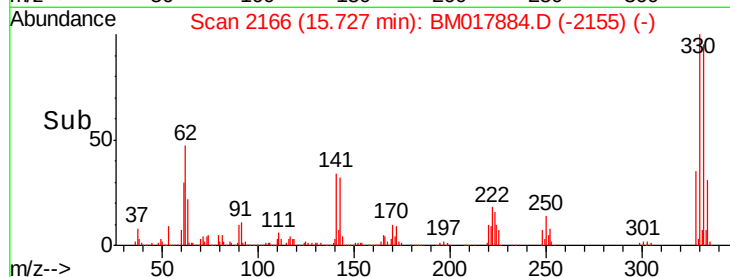
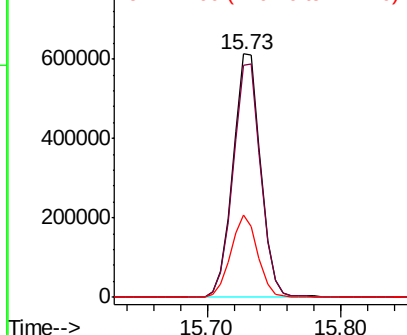
#42
 2,4,6-Tribromophenol
 Concen: 128.869 ng
 RT: 15.73 min Scan# 2166
 Delta R.T. -0.04 min
 Lab File: BM017884.D
 Acq: 03 Dec 2018 21:17

Instrument :
 BNA_M
 ClientSampleId :
 ENGINE-WASH

Tgt Ion:330 Resp: 887875
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.9 116.9
 141 32.7 27.5 41.3

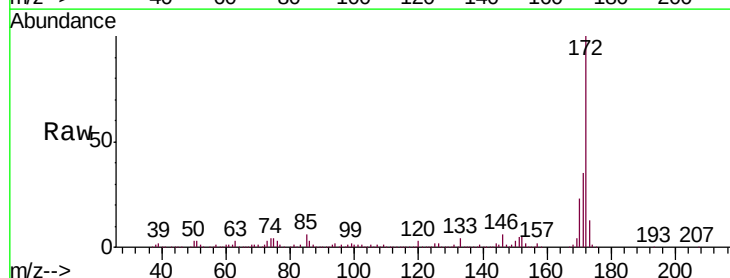


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

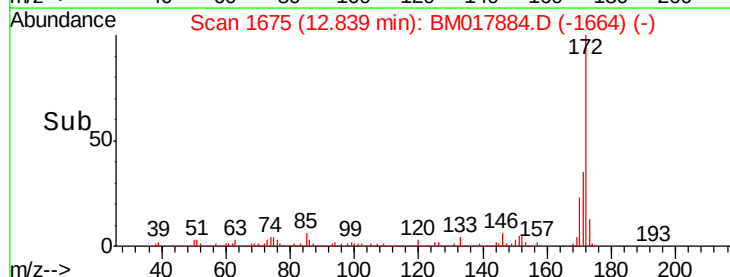
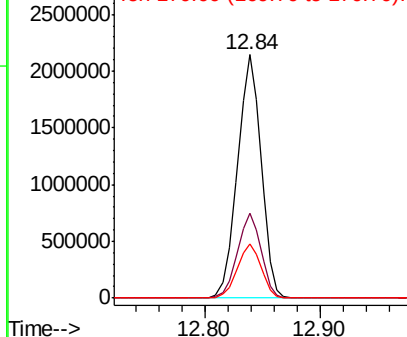


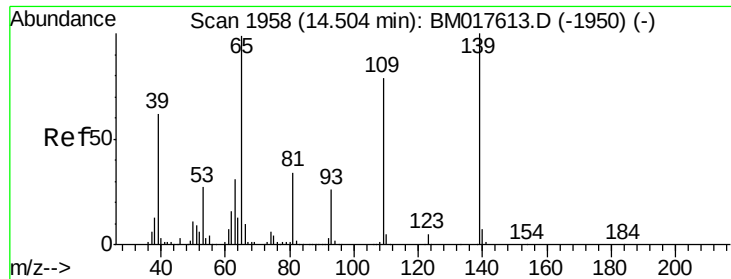
#45
 2-Fluorobiphenyl
 Concen: 82.391 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.04 min
 Lab File: BM017884.D
 Acq: 03 Dec 2018 21:17

Tgt Ion:172 Resp: 3045205
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.7 43.1
 170 22.5 18.3 27.5



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

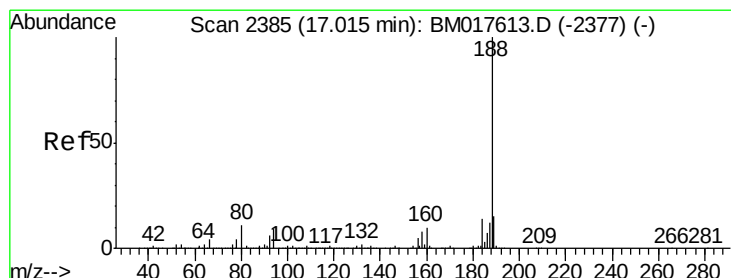
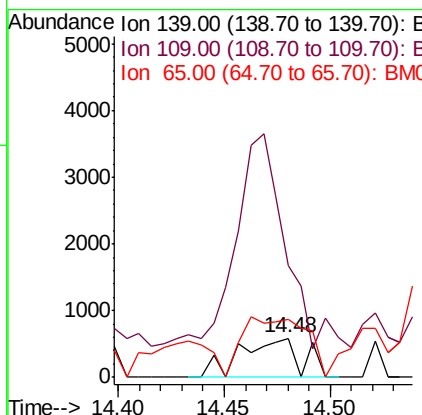
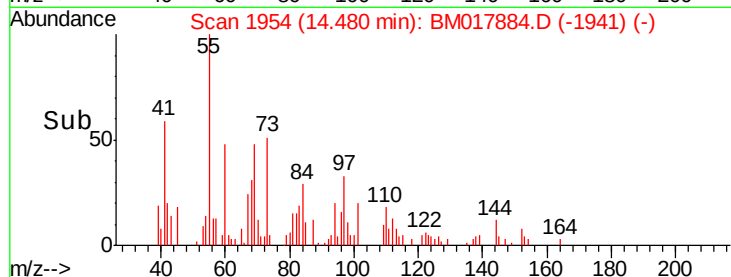
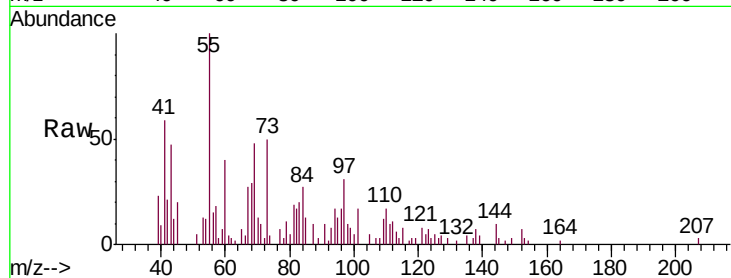




#56
4-Nitrophenol
Concen: 5.093 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

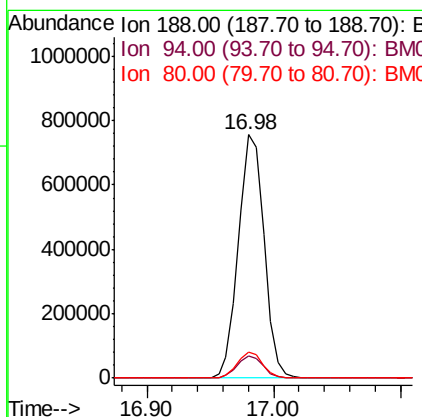
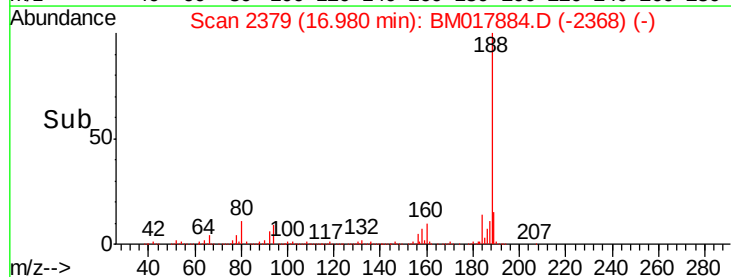
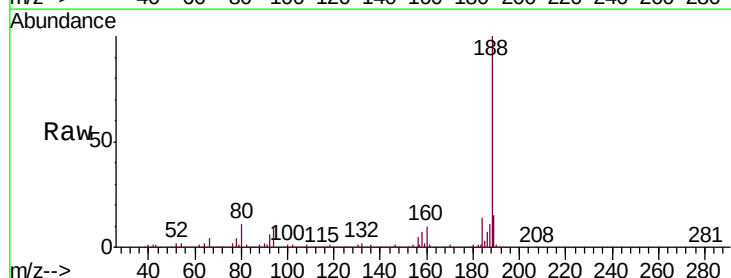
Instrument :
BNA_M
ClientSampleId :
ENGINE-WASH

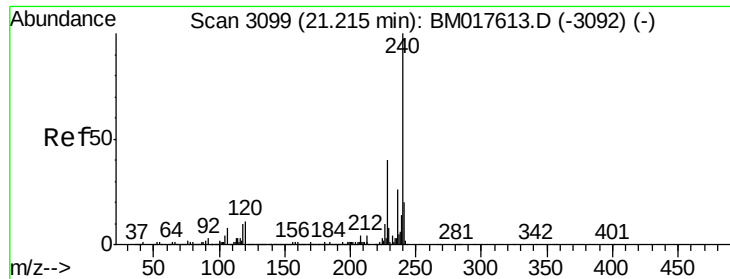
Tgt Ion:139 Resp: 1164
Ion Ratio Lower Upper
139 100
109 283.7 58.6 98.6#
65 149.0 79.5 119.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2379
Delta R.T. -0.04 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Tgt Ion:188 Resp: 1062228
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 10.6 8.6 13.0

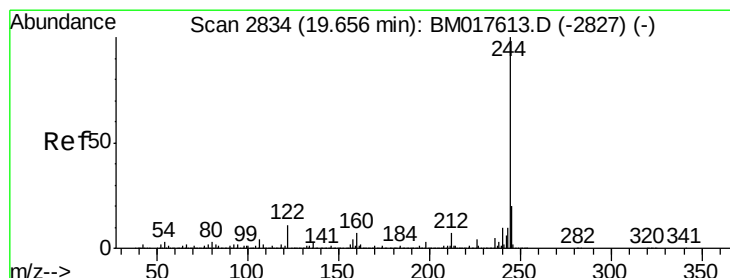
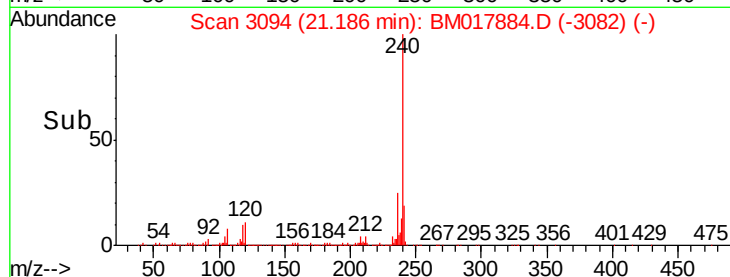
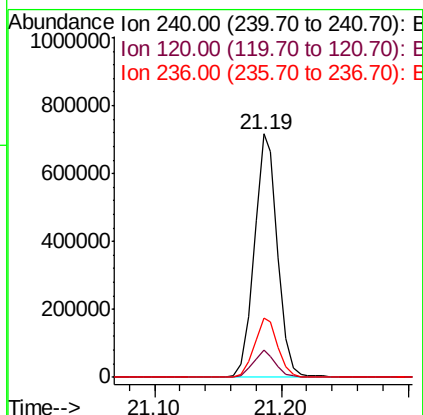
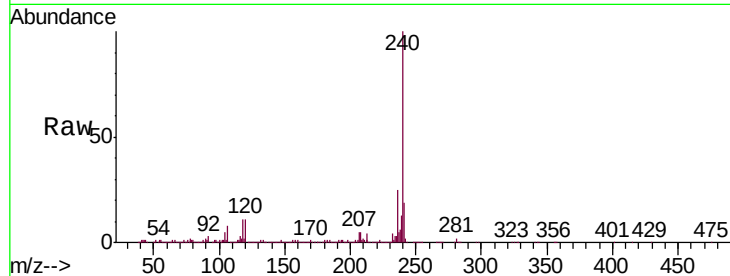




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3094
Delta R.T. -0.03 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

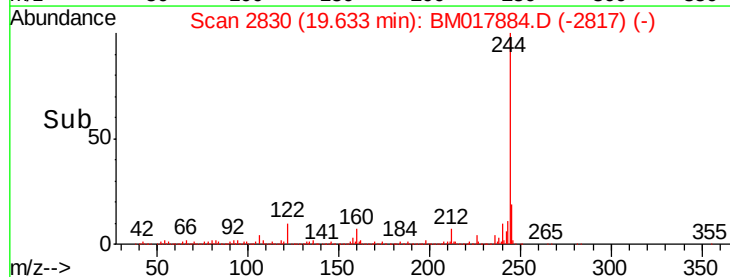
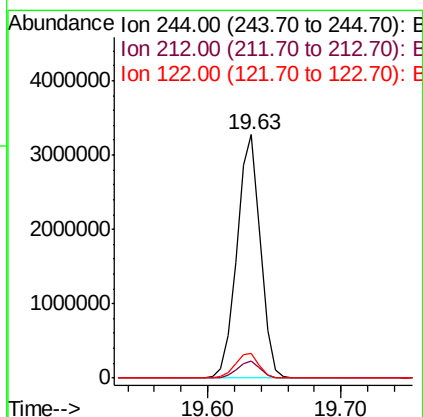
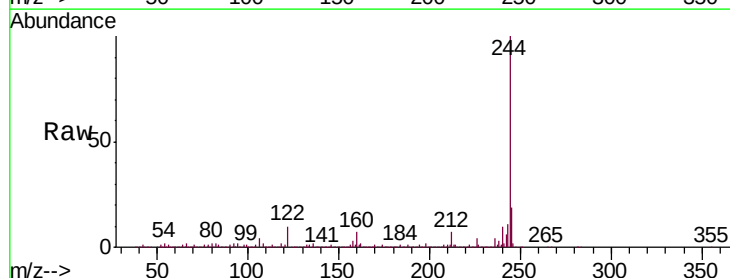
Instrument :
BNA_M
ClientSampleId :
ENGINE-WASH

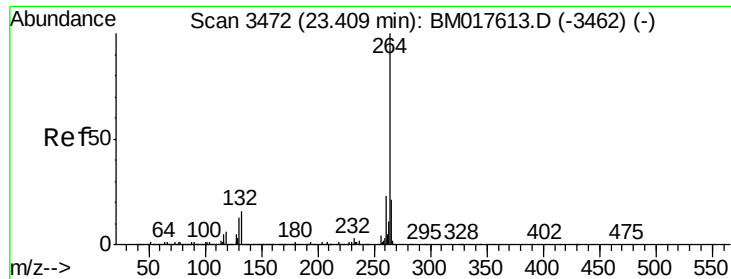
Tgt Ion:240 Resp: 912684
Ion Ratio Lower Upper
240 100
120 11.0 8.5 12.7
236 24.6 20.4 30.6



#79
Terphenyl-d14
Concen: 98.938 ng
RT: 19.63 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Tgt Ion:244 Resp: 3984209
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 10.2 9.0 13.6

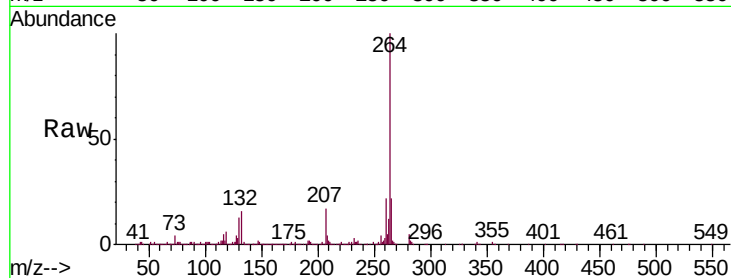




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.04 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Instrument :
BNA_M
ClientSampleId :
ENGINE-WASH

Tgt Ion:	264	Resp:	820257
Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.2
265	22.2	17.5	26.3



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

