

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017357.D
 Acq On : 26 Oct 2018 20:35
 Operator : MJ/SJ
 Sample : J5204-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 27 01:49:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

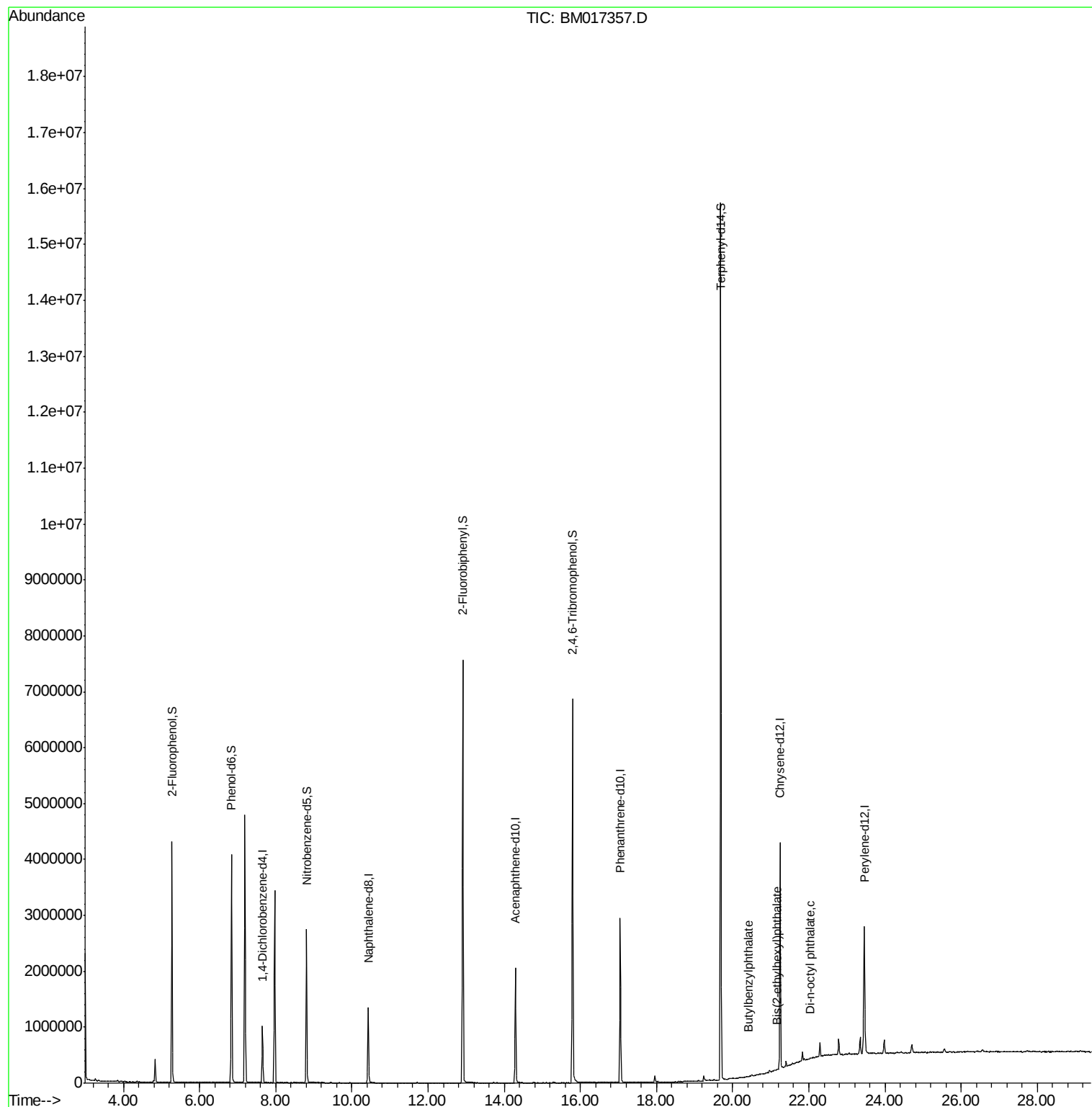
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	263510	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1109586	20.00	ng	-0.02
39) Acenaphthene-d10	14.29	164	694014	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1773065	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	2015809	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1797197	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1778984	114.18	ng	-0.01
7) Phenol-d6	6.84	99	2211850	104.24	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1615273	85.14	ng	-0.02
42) 2,4,6-Tribromophenol	15.79	330	1265917	134.88	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	3914462	75.05	ng	-0.02
79) Terphenyl-d14	19.69	244	7270855	81.30	ng	-0.02
Target Compounds						
80) Butylbenzylphthalate	20.40	149	90	7.178	ng	# 17
84) Bis(2-ethylhexyl)phthalate	21.17	149	2819	5.346	ng	# 97
85) Di-n-octyl phthalate	22.05	149	828	5.578	ng	# 1

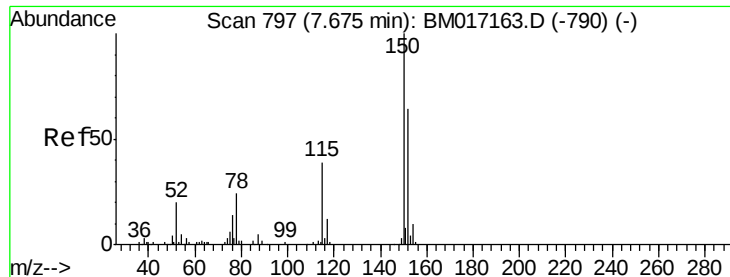
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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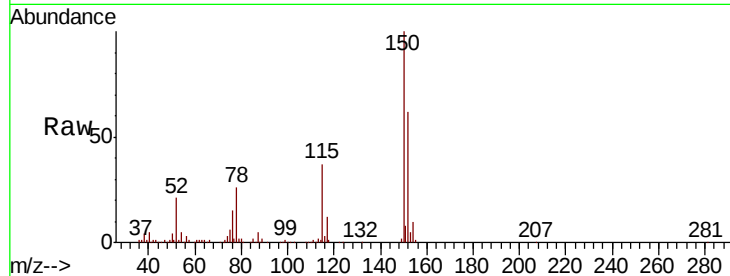


#1

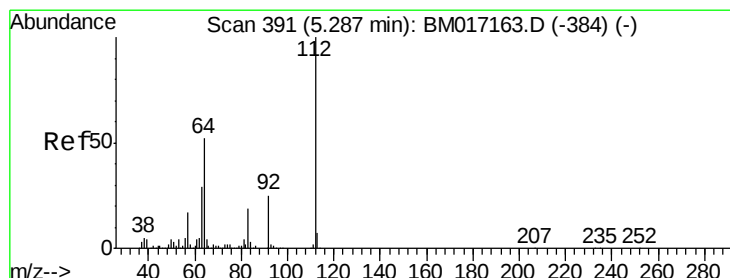
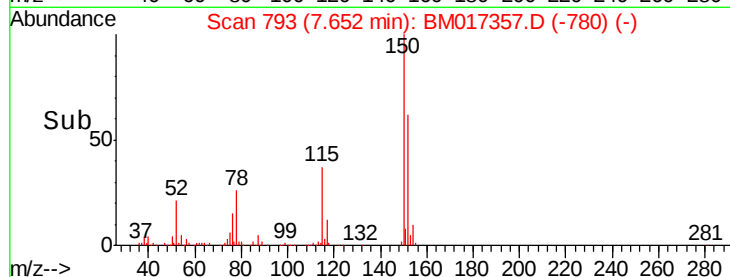
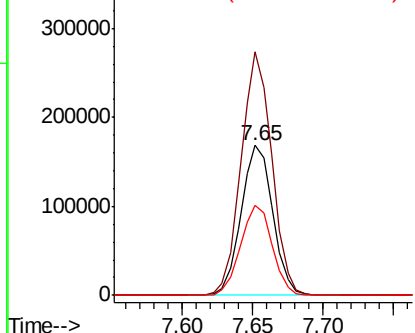
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017357.D
Acq: 26 Oct 2018 20:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.3	186.5
115	60.0	48.1	72.1



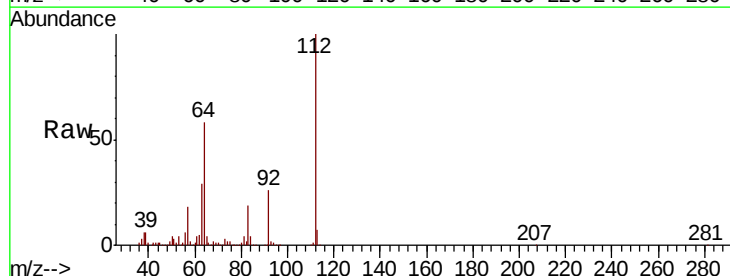
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



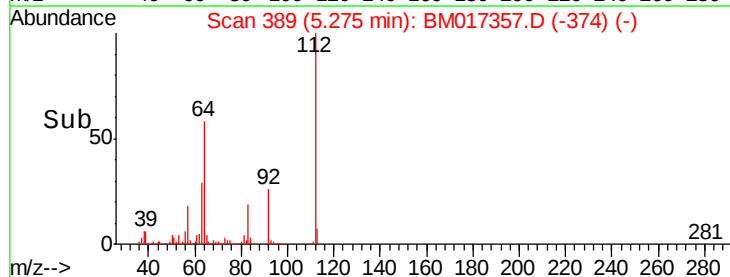
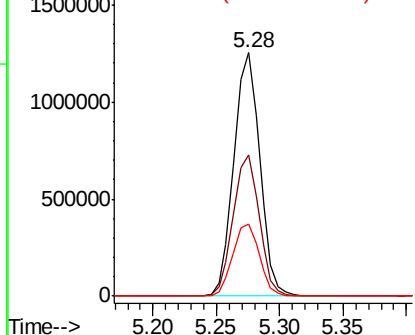
#5

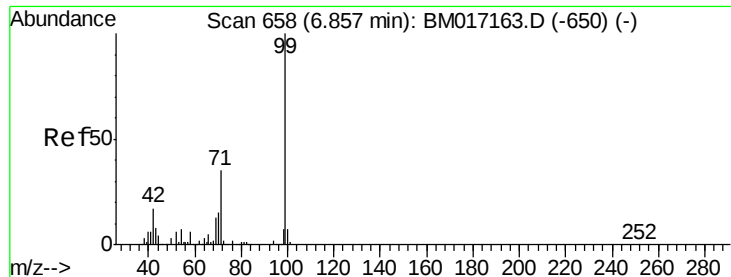
2-Fluorophenol
Concen: 114.184 ng
RT: 5.28 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017357.D
Acq: 26 Oct 2018 20:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	41.7	62.5
63	29.5	23.0	34.4



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: 104.239 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017357.D

Acq: 26 Oct 2018 20:35

Instrument :

BNA_M

ClientSampleId :

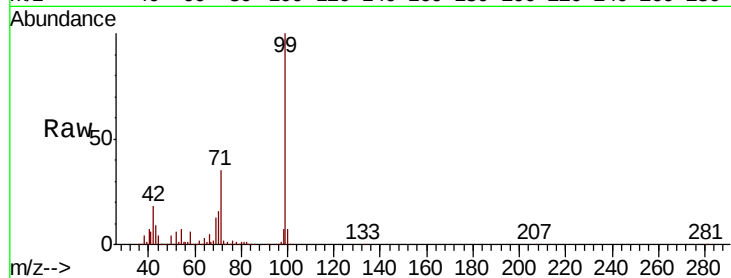
Tot Ion: 99 Resp: 2211850

Ion Ratio Lower Upper

99 100

42 17.8 13.3 19.9

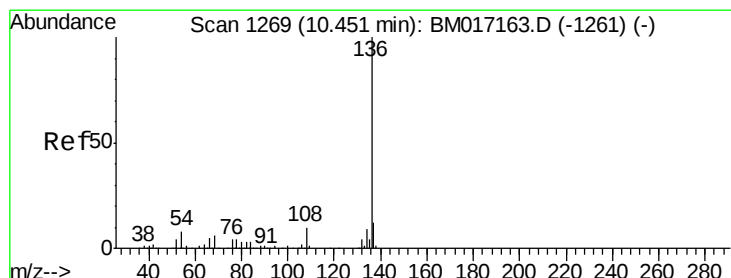
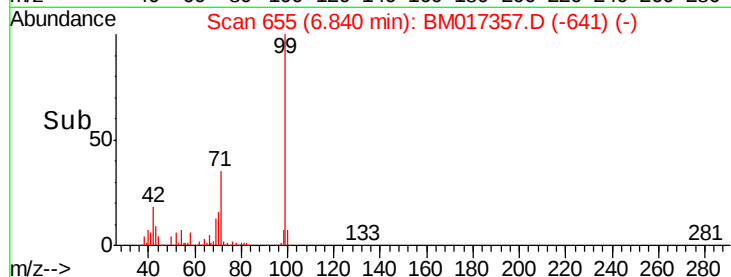
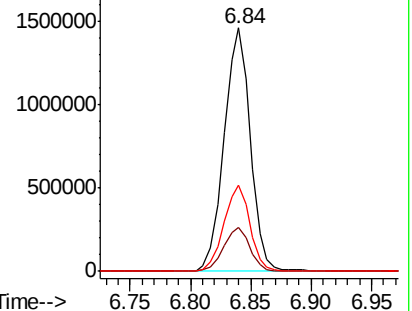
71 35.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM017357.D

Acq: 26 Oct 2018 20:35

Tgt Ion: 136 Resp: 1109586

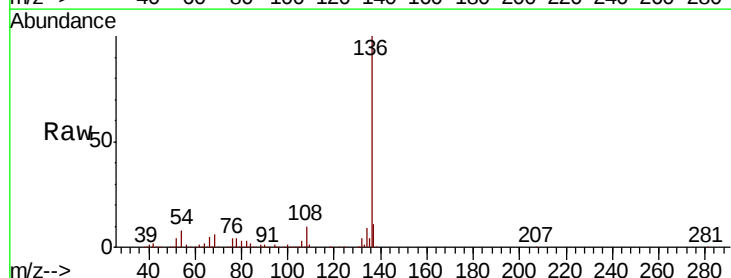
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 8.0 6.7 10.1

68 5.7 4.7 7.1

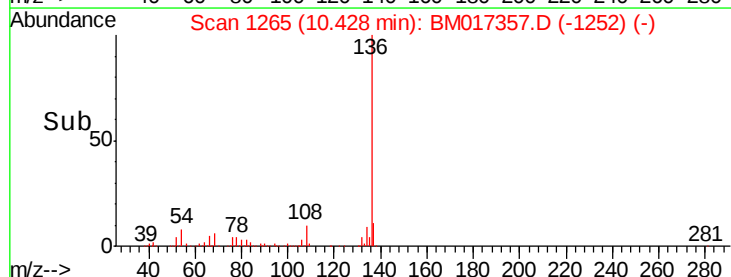
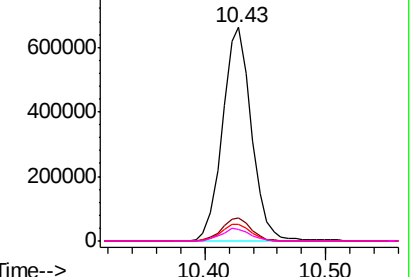


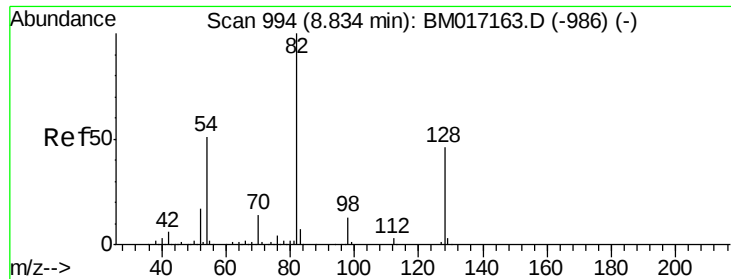
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1261) (-)

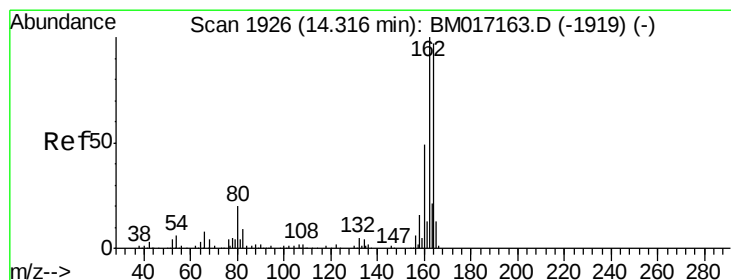
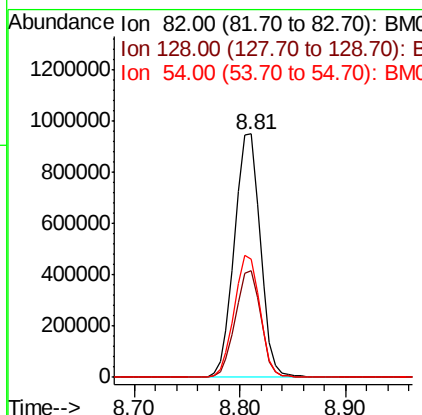
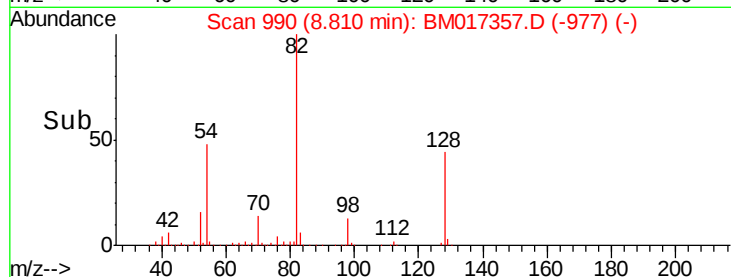
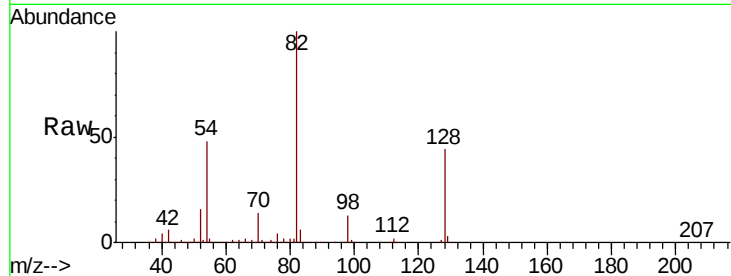




#23
 Nitrobenzene-d5
 Concen: 85.140 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM017357.D
 Acq: 26 Oct 2018 20:35

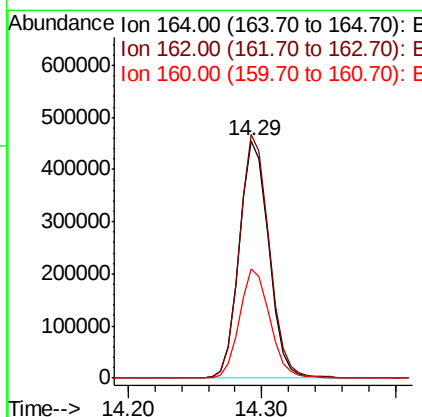
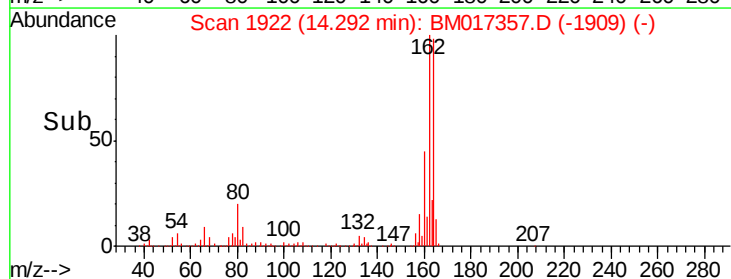
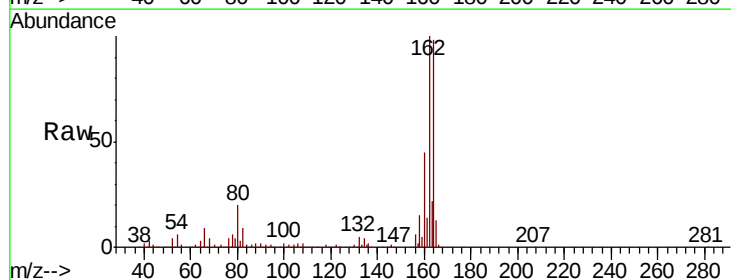
Instrument :
 BNA_M
 ClientSampleId :

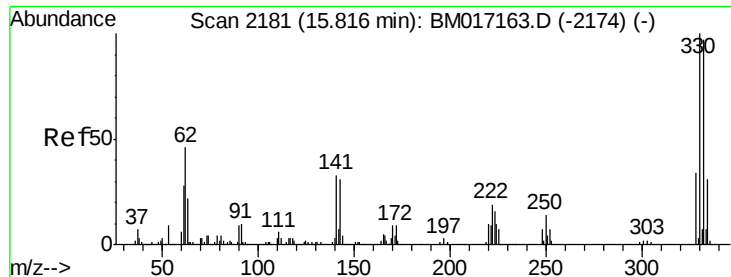
Tot Ion: 82 Resp: 1615273
 Ion Ratio Lower Upper
 82 100
 128 44.0 37.0 55.6
 54 48.4 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1922
 Delta R.T. -0.02 min
 Lab File: BM017357.D
 Acq: 26 Oct 2018 20:35

Tgt Ion:164 Resp: 694014
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.1 123.1
 160 45.8 40.2 60.2



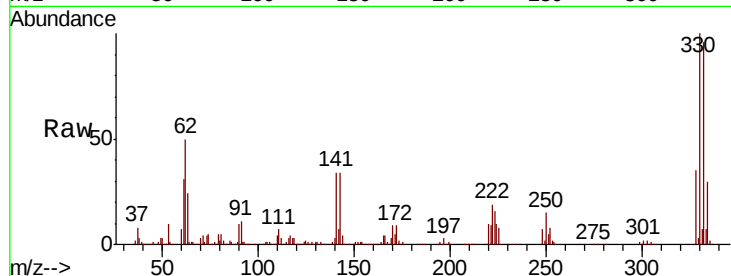


#42
 2,4,6-Tribromophenol
 Concen: 134.880 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BM017357.D
 Acq: 26 Oct 2018 20:35

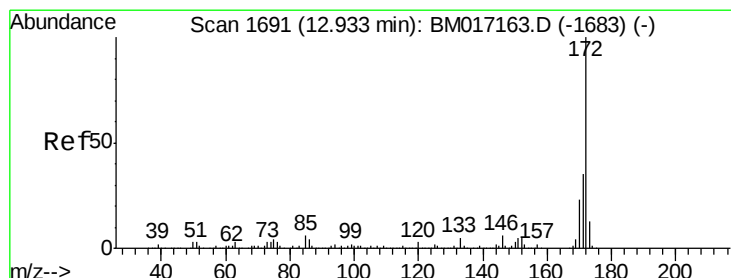
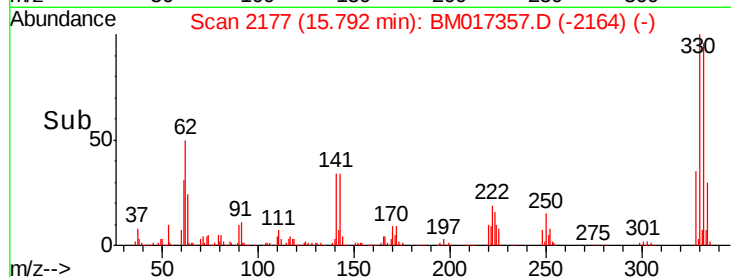
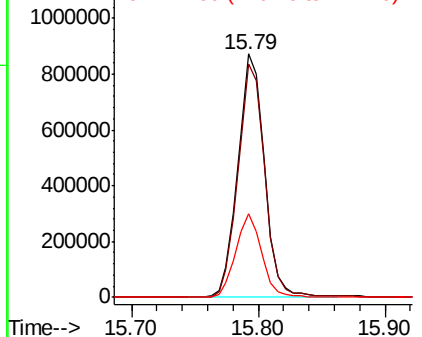
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1265917

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	33.4	27.4	41.0



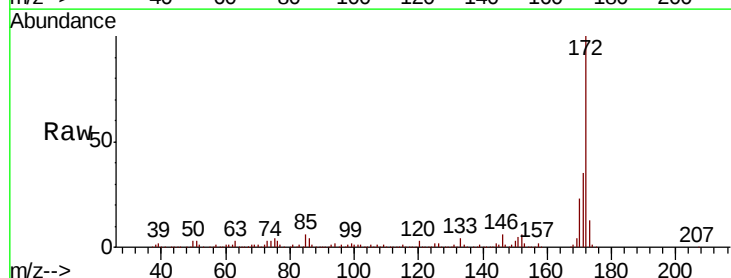
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



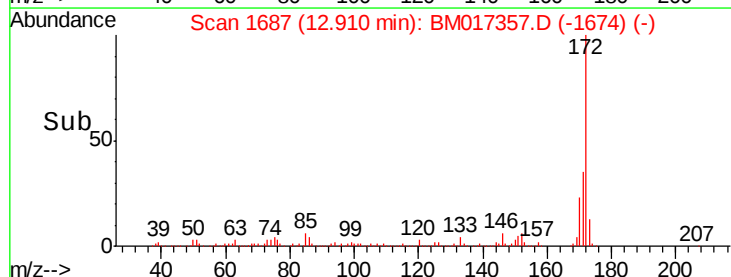
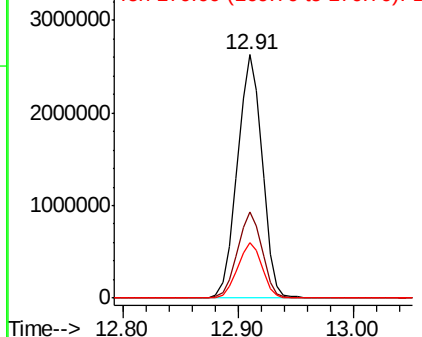
#45
 2-Fluorobiphenyl
 Concen: 75.047 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BM017357.D
 Acq: 26 Oct 2018 20:35

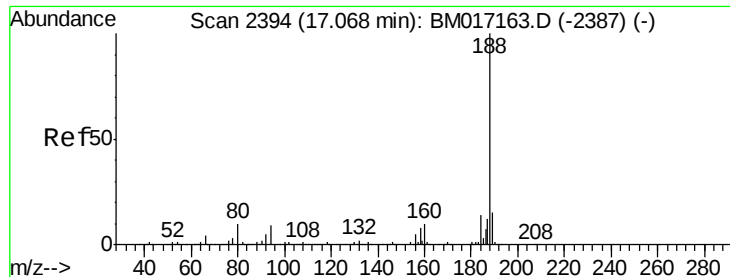
Tgt Ion:172 Resp: 3914462

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	22.6	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2390

Delta R.T. -0.02 min

Lab File: BM017357.D

Acq: 26 Oct 2018 20:35

Instrument :

BNA_M

ClientSampleId :

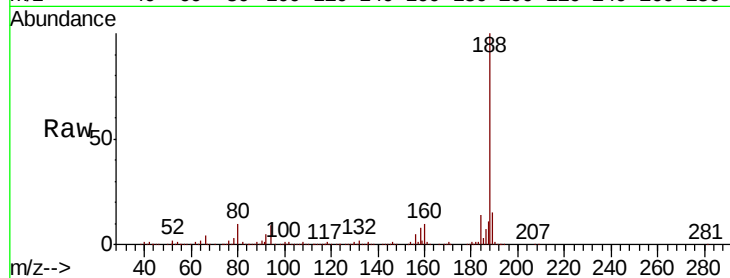
Tot Ion:188 Resp: 1773065

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

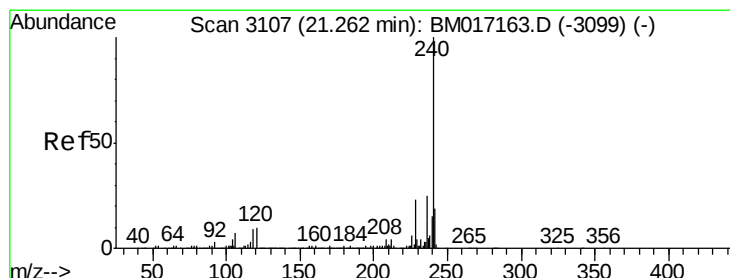
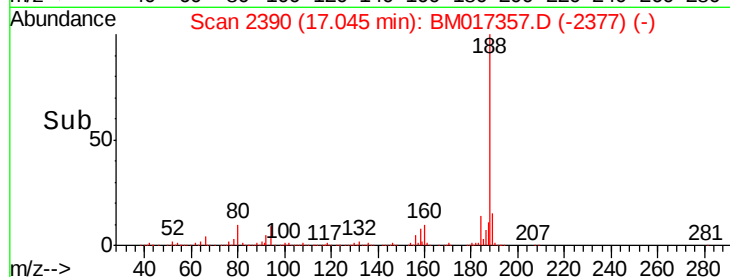
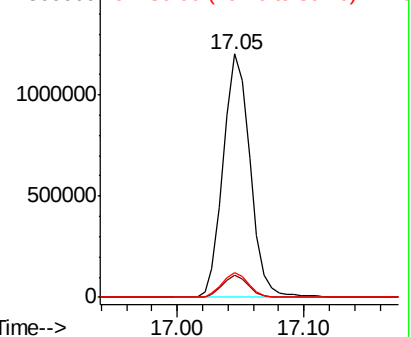
80 10.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BM017357.D

Acq: 26 Oct 2018 20:35

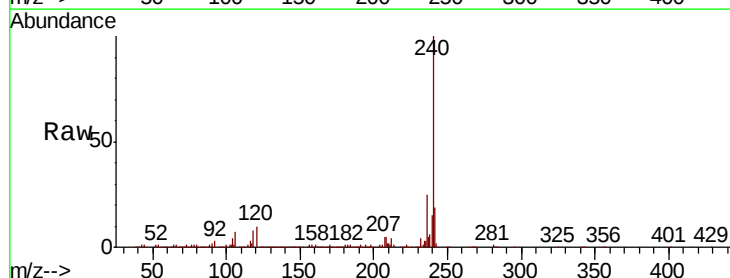
Tgt Ion:240 Resp: 2015809

Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

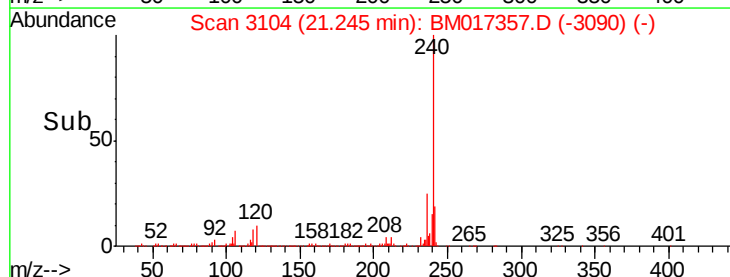
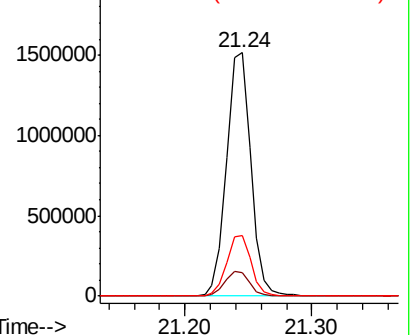
236 24.8 19.9 29.9

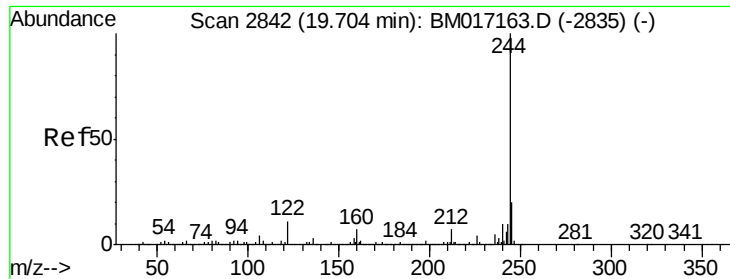


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.300 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM017357.D

Acq: 26 Oct 2018 20:35

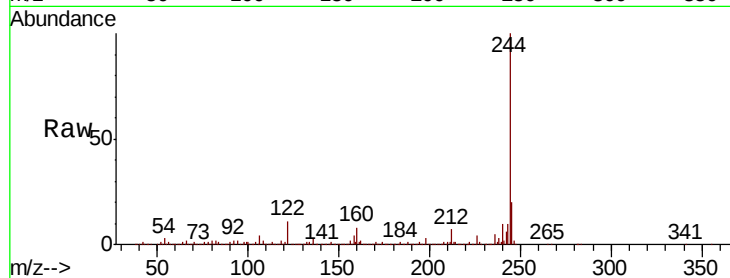
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 7270855

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	11.2	8.4	12.6

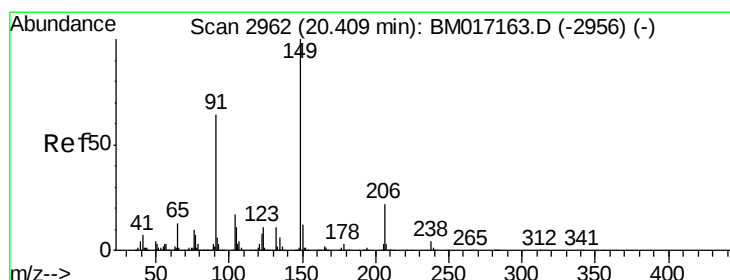
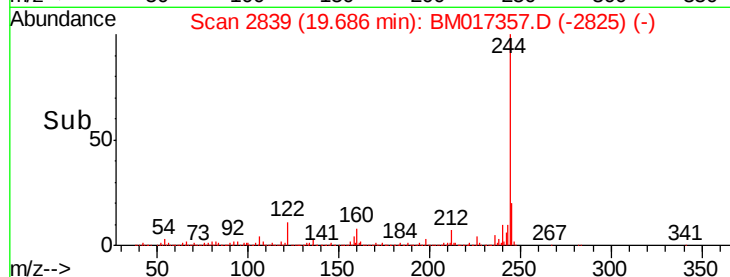
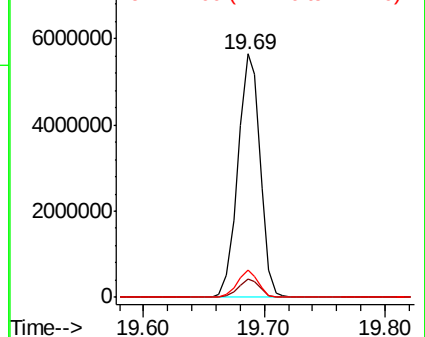


Abundance

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



#80

Butylbenzylphthalate

Concen: 7.178 ng

RT: 20.40 min Scan# 2961

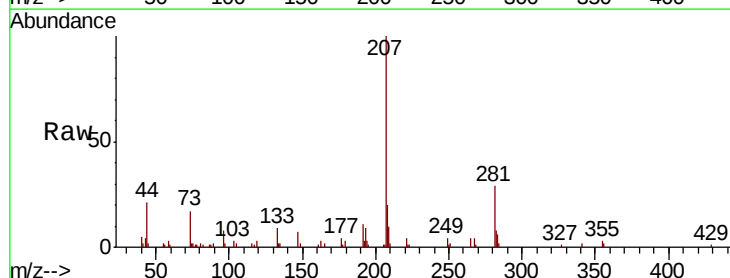
Delta R.T. -0.01 min

Lab File: BM017357.D

Acq: 26 Oct 2018 20:35

Tgt Ion:149 Resp: 90

Ion	Ratio	Lower	Upper
149	100		
91	0.0	51.3	76.9#
206	63.4	18.0	27.0#

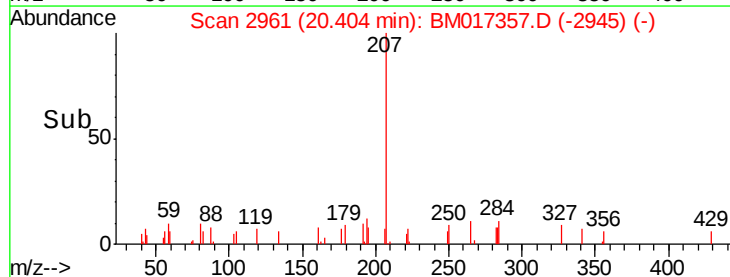
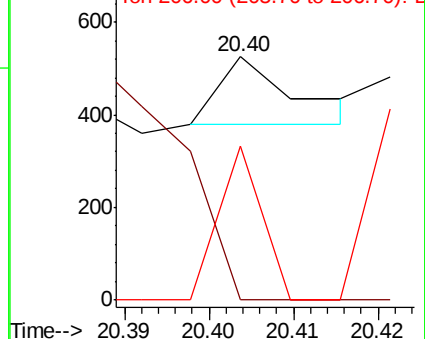


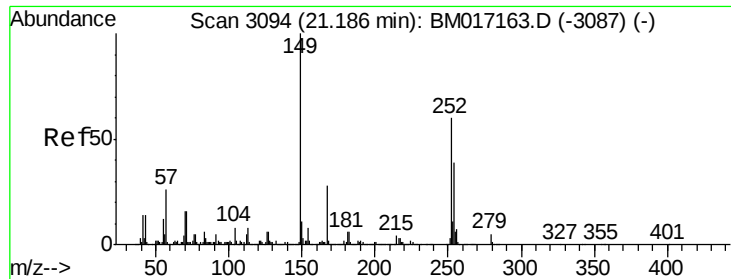
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

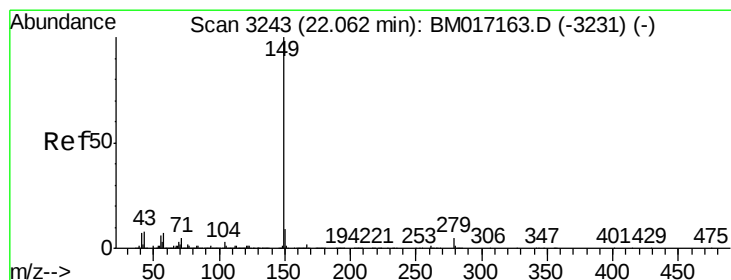
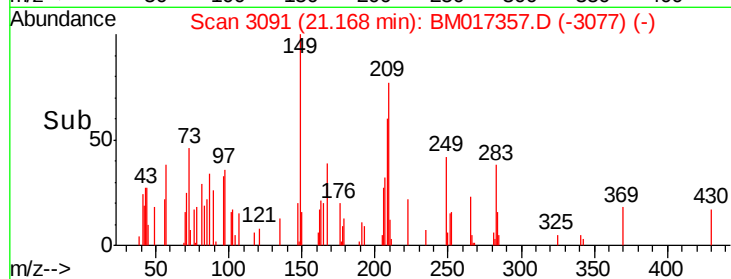
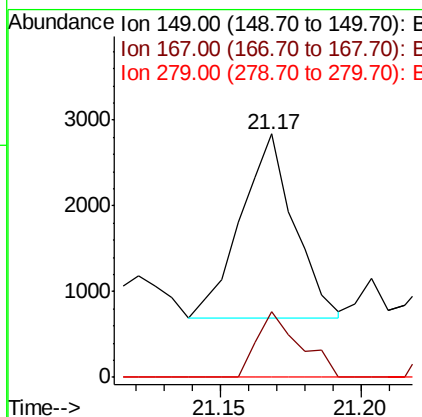
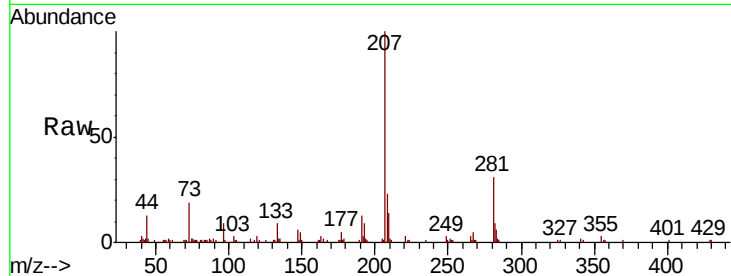




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.346 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.02 min
 Lab File: BM017357.D
 Acq: 26 Oct 2018 20:35

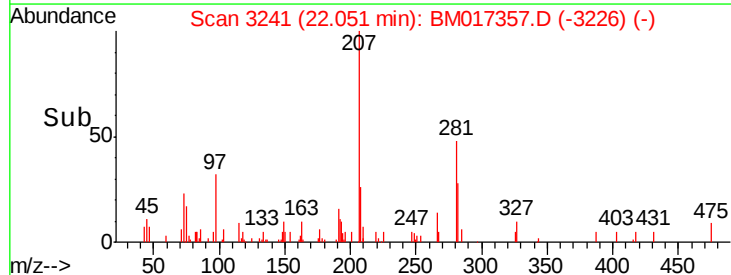
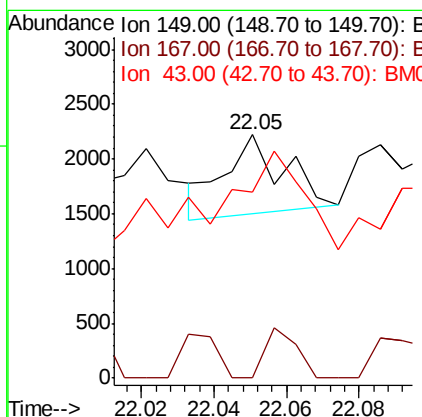
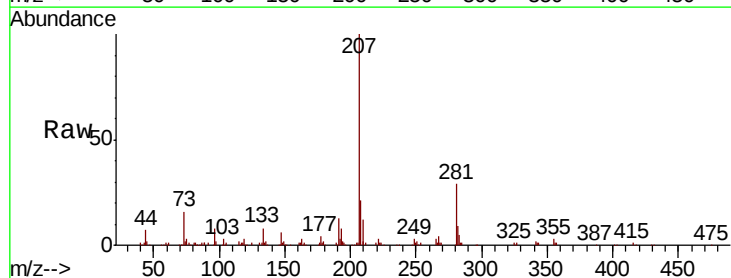
Instrument :
 BNA_M
 ClientSampleId :

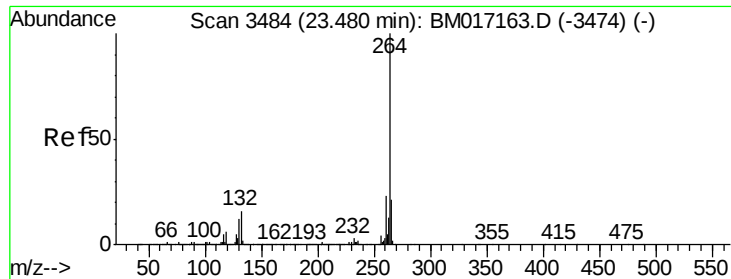
Tot Ion:149 Resp: 2819
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.2 33.4
 279 0.0 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 5.578 ng
 RT: 22.05 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BM017357.D
 Acq: 26 Oct 2018 20:35

Tgt Ion:149 Resp: 828
 Ion Ratio Lower Upper
 149 100
 167 32.9 1.4 2.0#
 43 156.8 7.2 10.8#



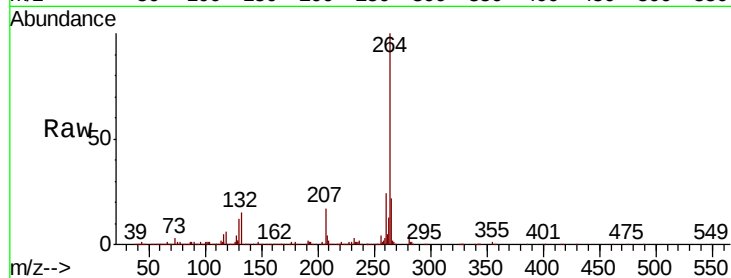


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3480
Delta R.T. -0.02 min
Lab File: BM017357.D
Acq: 26 Oct 2018 20:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1797197

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.6	17.8	26.8



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

