

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110718\
 Data File : BM017541.D
 Acq On : 06 Nov 2018 23:40
 Operator : MJ/SJ
 Sample : J5812-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 07 08:37:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

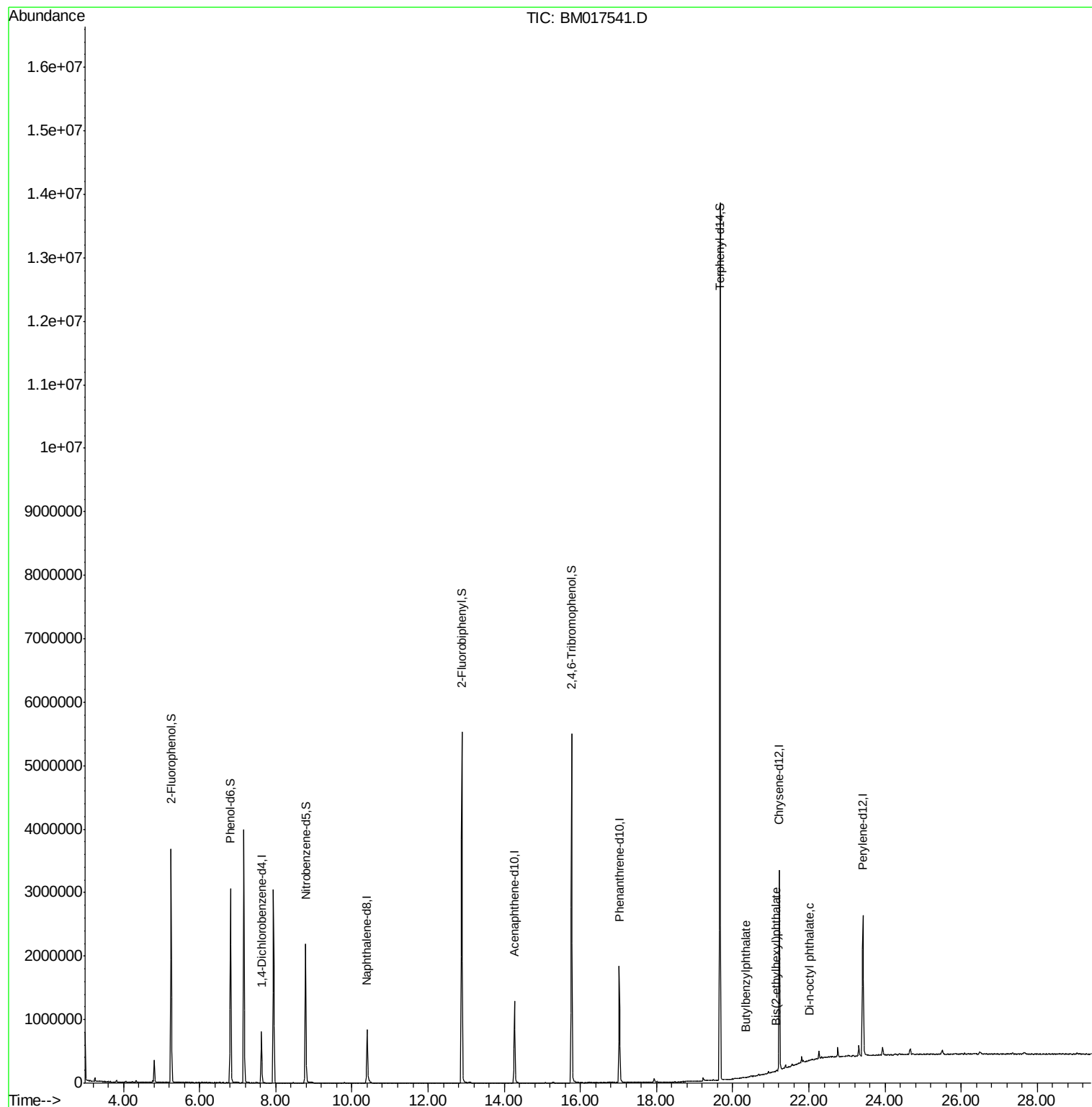
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	206116	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	767850	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	452864	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1156636	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1479715	20.00	ng	-0.02
87) Perylene-d12	23.42	264	1634074	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1407515	115.50	ng	-0.01
7) Phenol-d6	6.82	99	1640338	98.83	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1282035	97.65	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	946488	154.55	ng	-0.02
45) 2-Fluorobiphenyl	12.89	172	2985585	87.72	ng	-0.02
79) Terphenyl-d14	19.67	244	5937912	90.45	ng	-0.02
Target Compounds						
80) Butylbenzylphthalate	20.35	149	1447	7.22	ng	# 27
84) Bis(2-ethylhexyl)phthalate	21.16	149	4888	5.40	ng	# 77
85) Di-n-octyl phthalate	22.02	149	992	5.58	ng	# 29

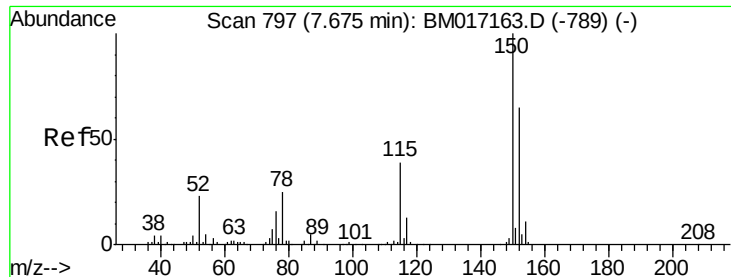
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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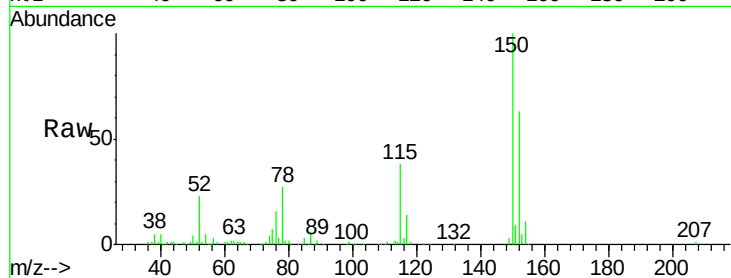


#1

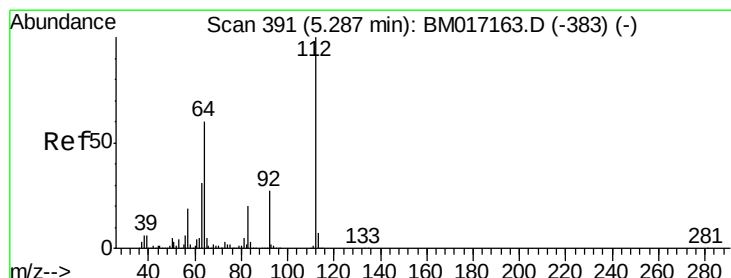
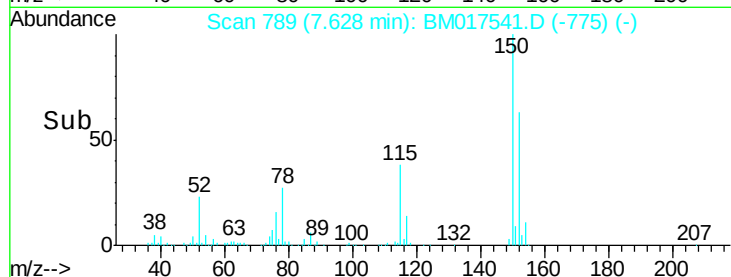
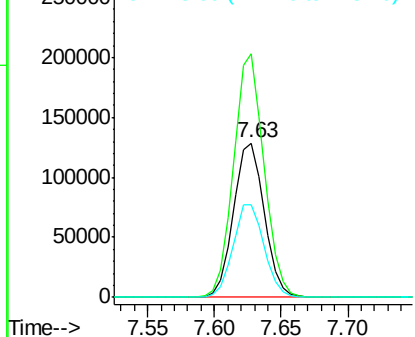
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017541.D
Acq: 06 Nov 2018 23:40

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.3	186.5
115	60.1	48.1	72.1



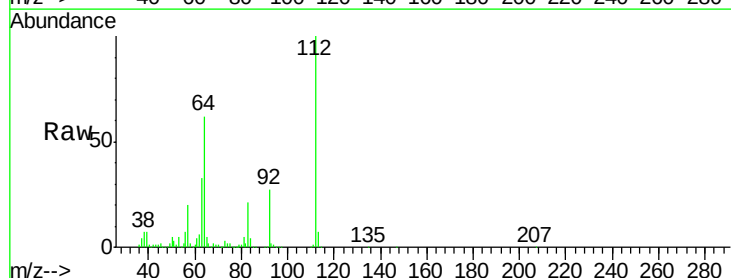
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



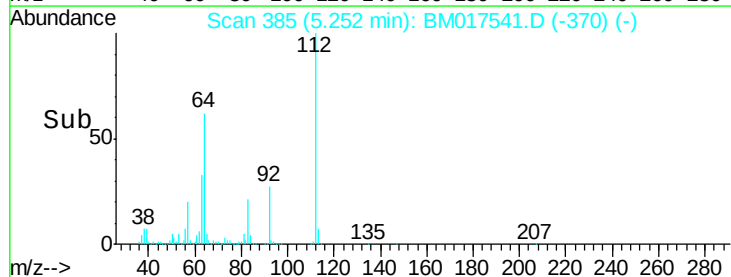
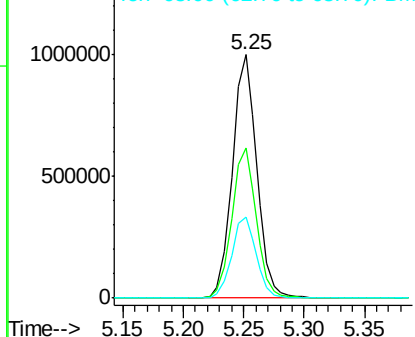
#5

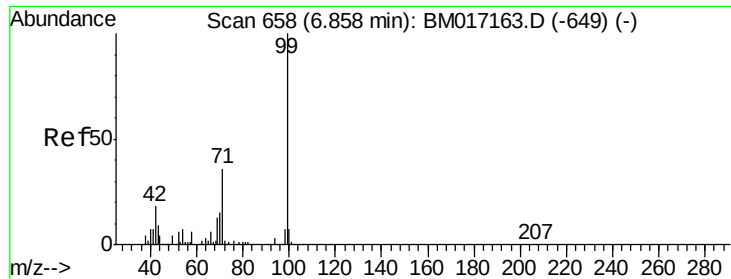
2-Fluorophenol
Concen: 115.50 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017541.D
Acq: 06 Nov 2018 23:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	41.7	62.5
63	33.3	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: 98.83 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017541.D

Acq: 06 Nov 2018 23:40

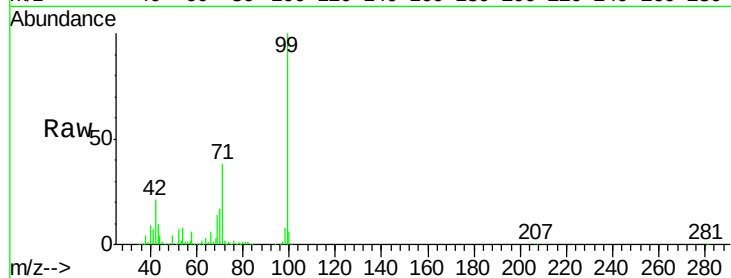
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1640338

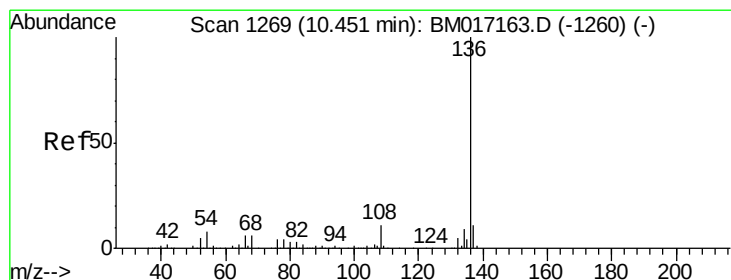
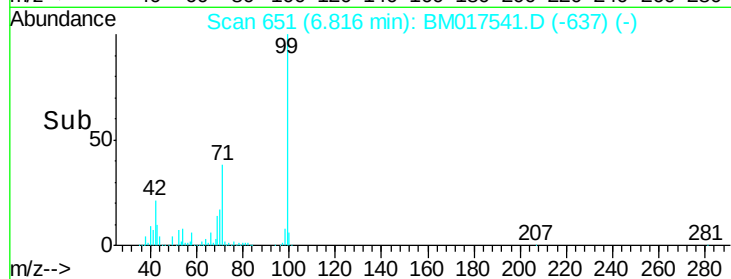
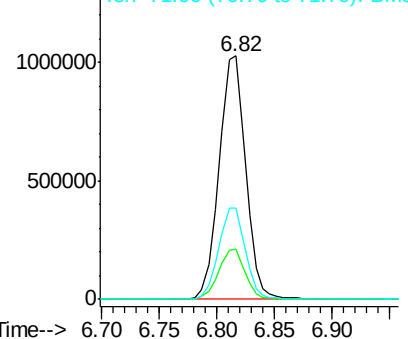
Ion	Ratio	Lower	Upper
99	100		
42	20.8	13.3	19.9#
71	37.6	28.0	42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.40 min Scan# 1260

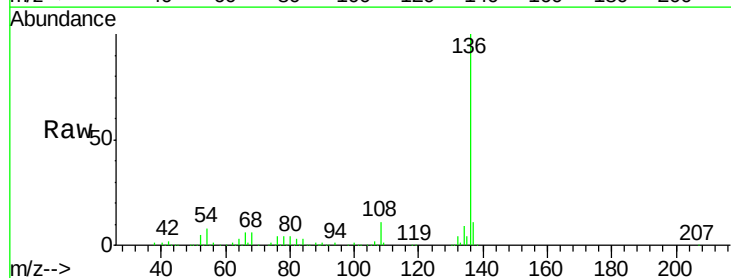
Delta R.T. -0.02 min

Lab File: BM017541.D

Acq: 06 Nov 2018 23:40

Tgt Ion: 136 Resp: 767850

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	8.2	6.7	10.1
68	6.0	4.7	7.1

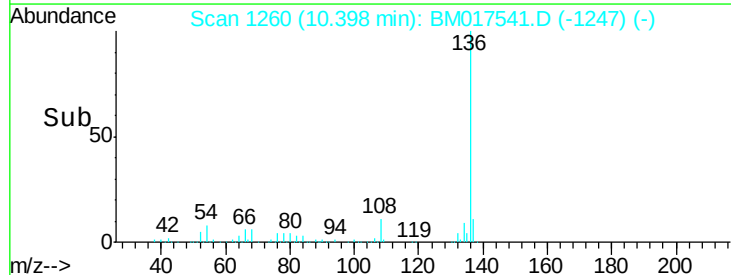
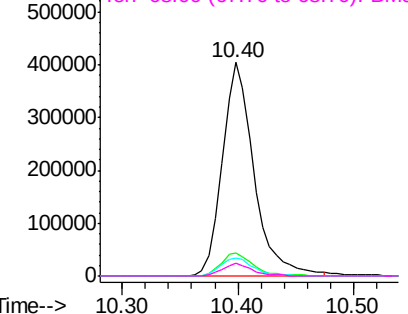


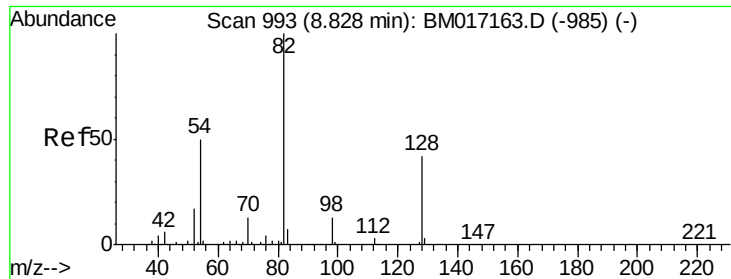
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1260) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1260) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1260) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1260) (-)

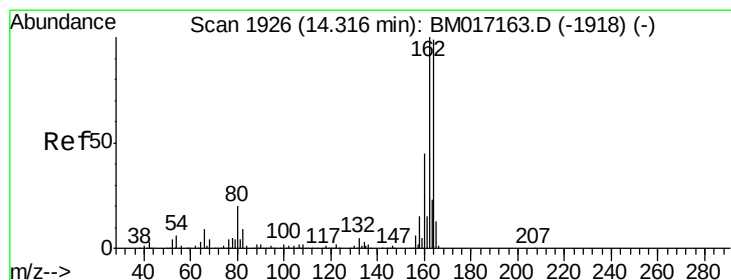
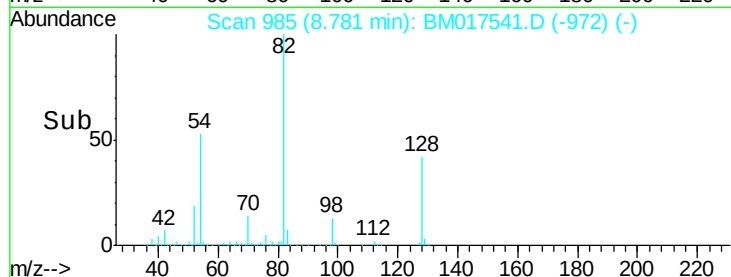
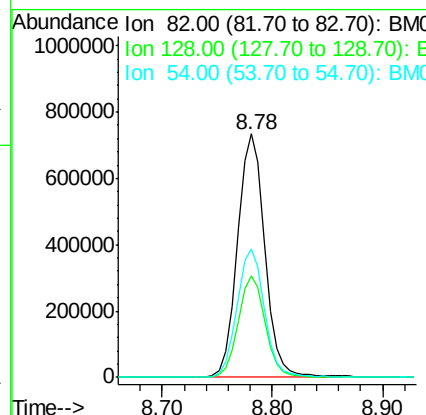
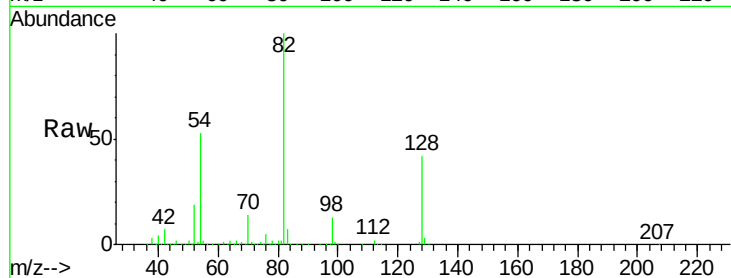




#23
Nitrobenzene-d5
Concen: 97.65 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.02 min
Lab File: BM017541.D
Acq: 06 Nov 2018 23:40

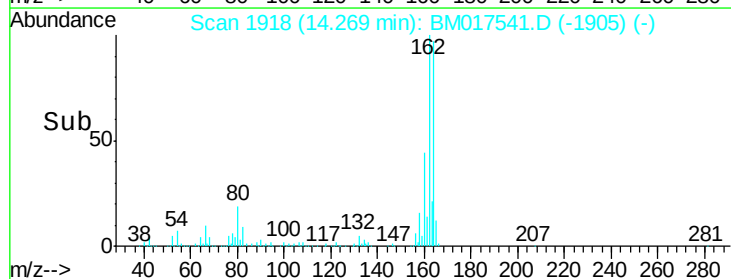
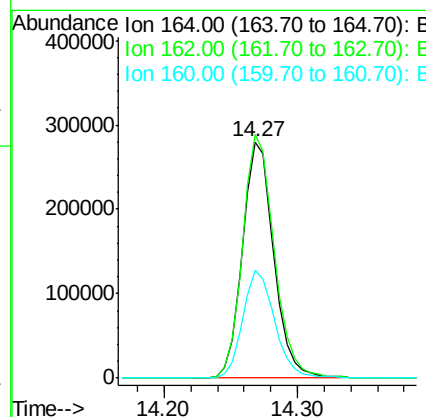
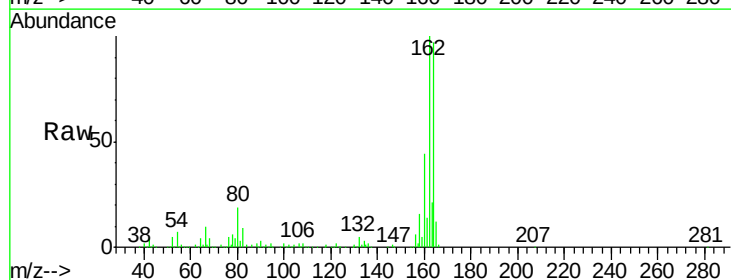
Instrument :
BNA_M
ClientSampled :

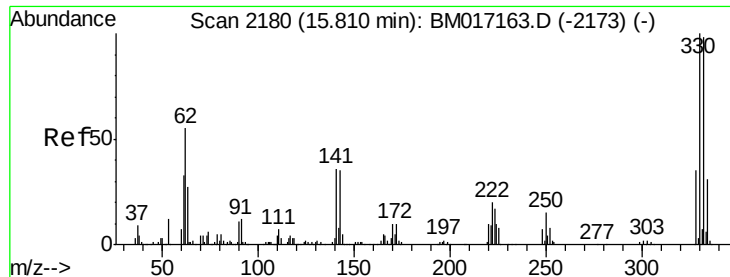
Tot Ion	82	Resp	128	2035
Ion	Ratio	Lower	Upper	
82	100			
128	41.8	37.0	55.6	
54	52.6	40.7	61.1	



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.27 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM017541.D
Acq: 06 Nov 2018 23:40

Tgt Ion	164	Resp	452864
Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.1	123.1
160	45.7	40.2	60.2

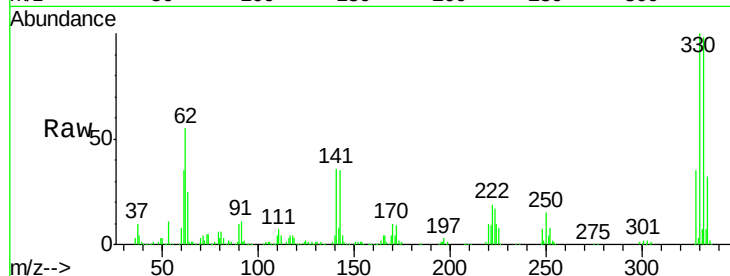




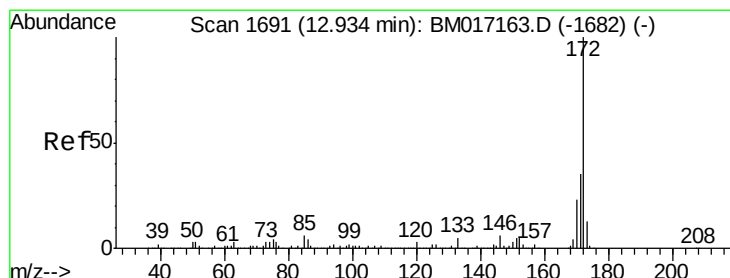
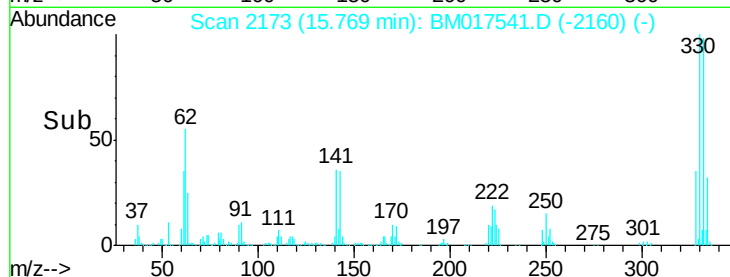
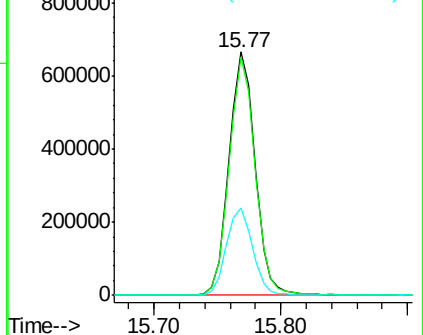
#42
 2,4,6-Tribromophenol
 Concen: 154.55 ng
 RT: 15.77 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM017541.D
 Acq: 06 Nov 2018 23:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 946488
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 36.3 27.4 41.0

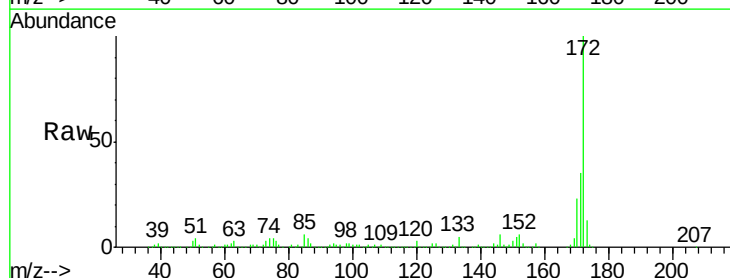


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

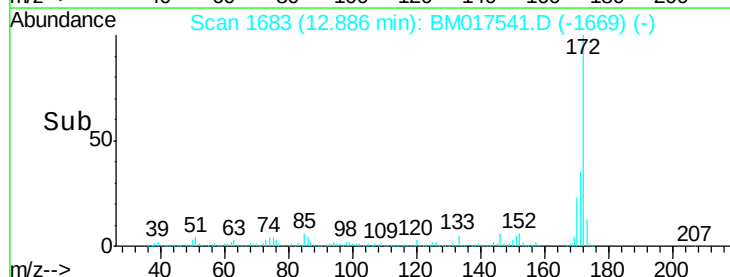
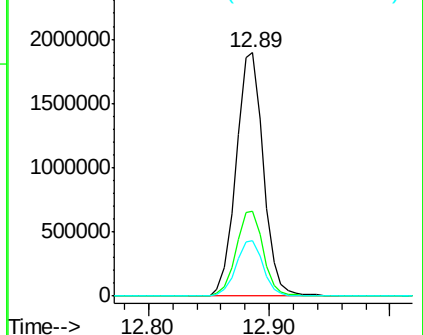


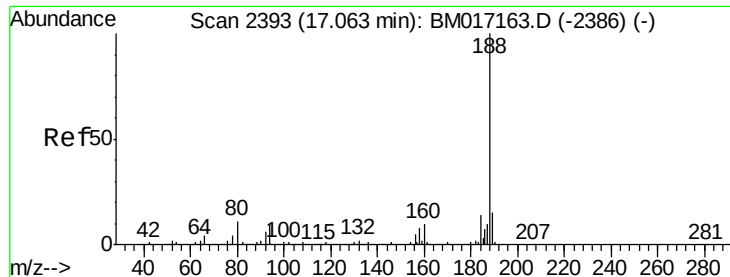
#45
 2-Fluorobiphenyl
 Concen: 87.72 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BM017541.D
 Acq: 06 Nov 2018 23:40

Tgt Ion:172 Resp: 2985585
 Ion Ratio Lower Upper
 172 100
 171 35.1 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: 20.00 ng

RT: 17.02 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BM017541.D

Acq: 06 Nov 2018 23:40

Instrument :

BNA_M

ClientSampled :

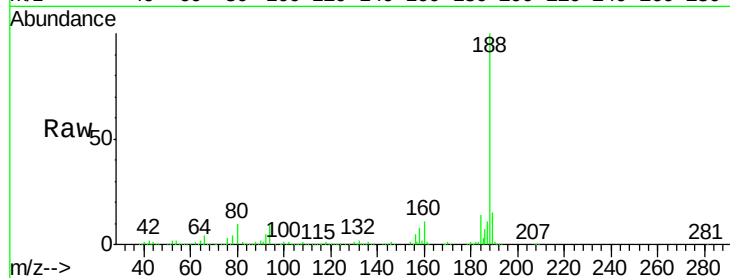
Tot Ion:188 Resp: 1156636

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

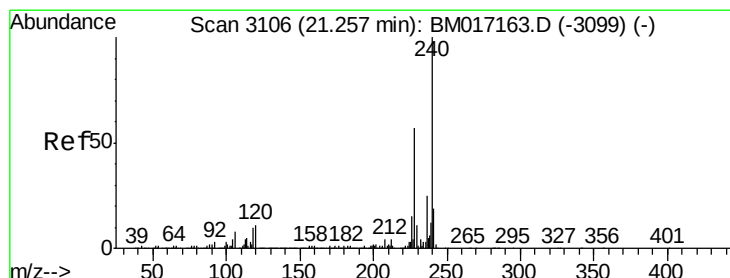
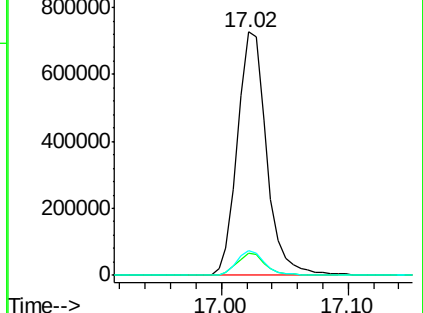
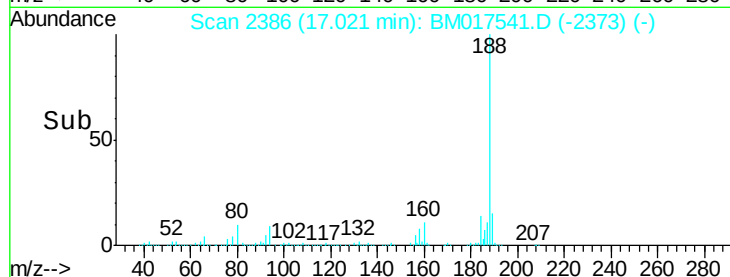
80 10.3 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.22 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM017541.D

Acq: 06 Nov 2018 23:40

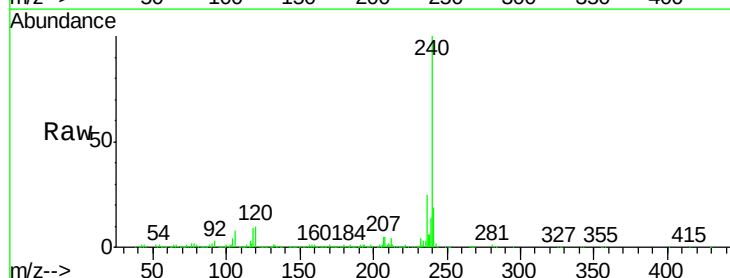
Tgt Ion:240 Resp: 1479715

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

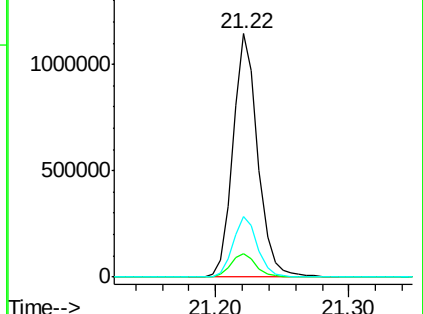
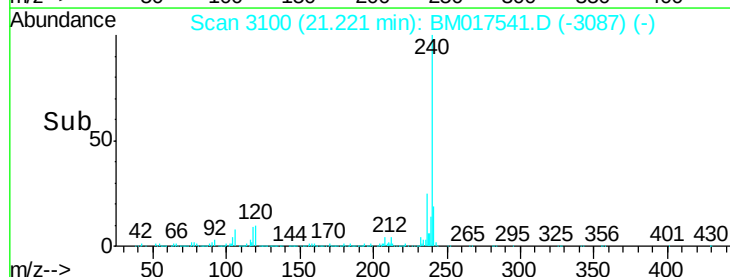
236 25.1 19.9 29.9

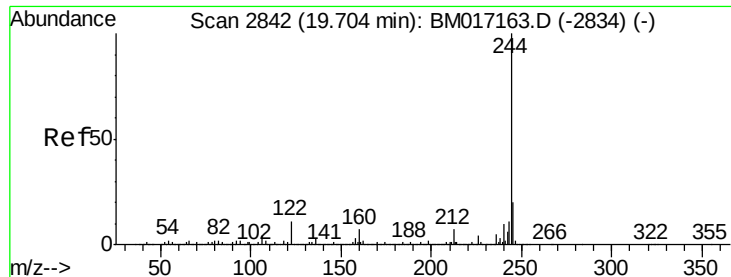


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.45 ng

RT: 19.67 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM017541.D

Acq: 06 Nov 2018 23:40

Instrument :

BNA_M

ClientSampleId :

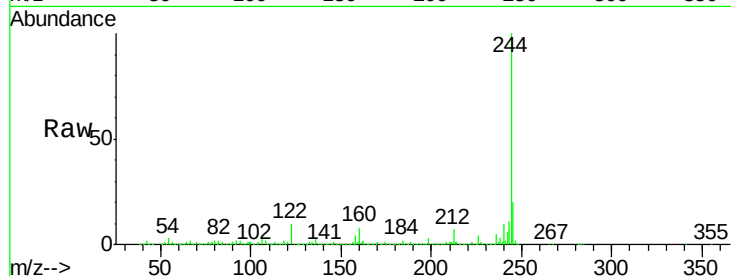
Tot Ion:244 Resp: 5937912

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

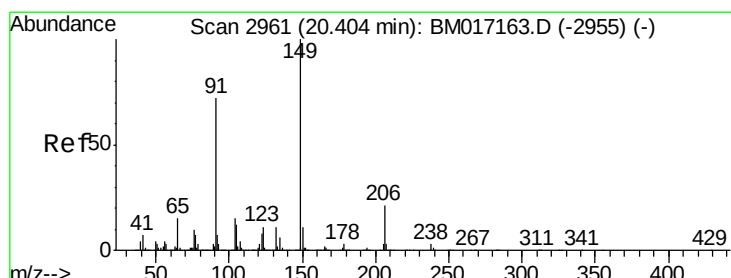
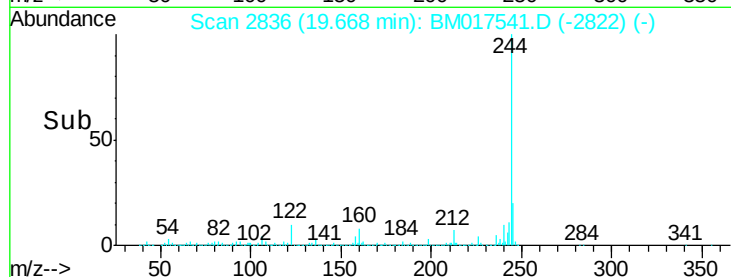
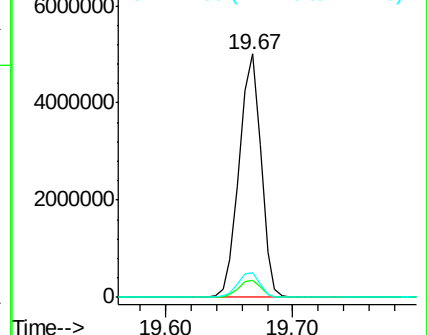
122 10.1 8.4 12.6



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: 7.22 ng

RT: 20.35 min Scan# 2952

Delta R.T. -0.04 min

Lab File: BM017541.D

Acq: 06 Nov 2018 23:40

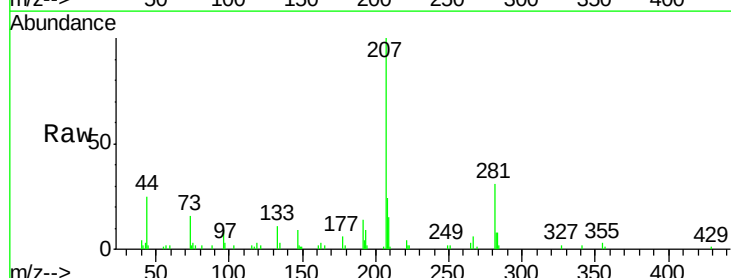
Tgt Ion:149 Resp: 1447

Ion Ratio Lower Upper

149 100

91 0.0 51.3 76.9#

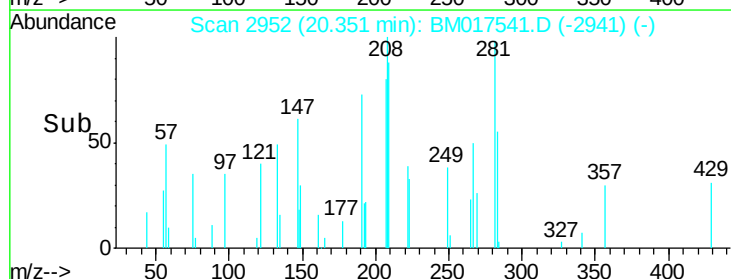
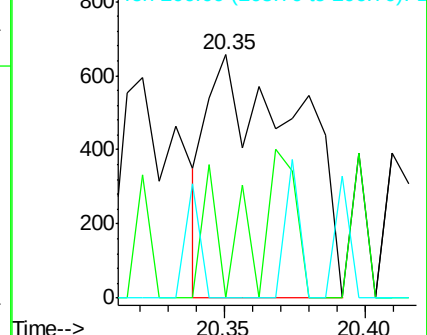
206 0.0 18.0 27.0#

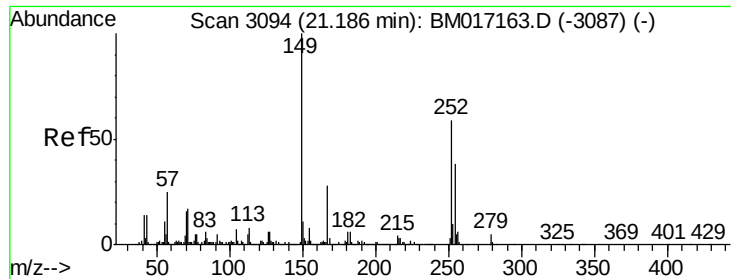


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

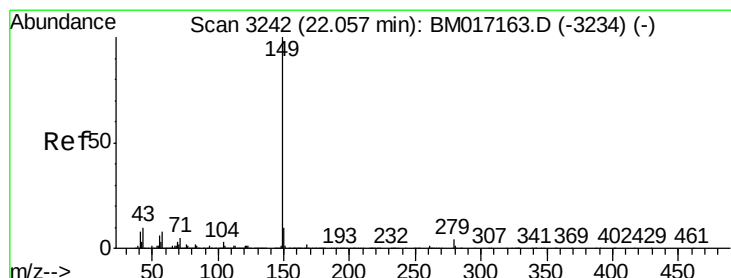
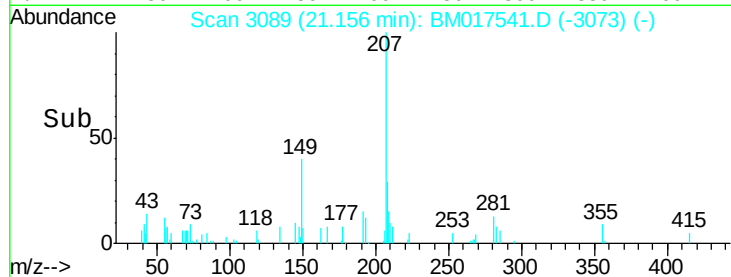
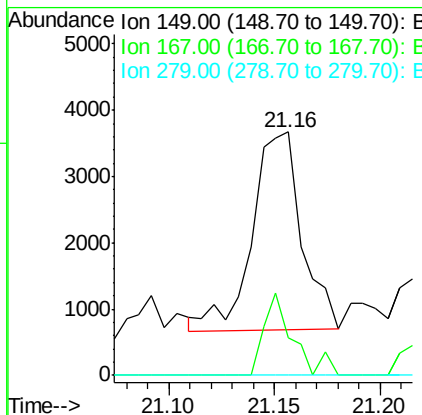
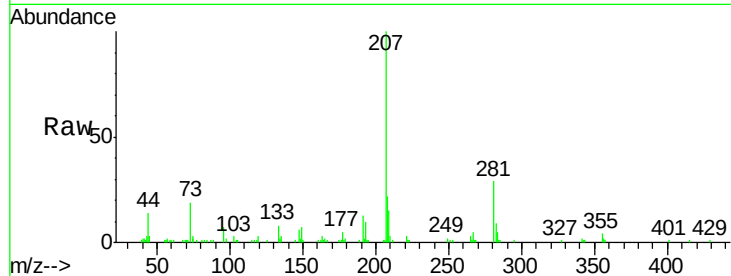




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.40 ng
 RT: 21.16 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM017541.D
 Acq: 06 Nov 2018 23:40

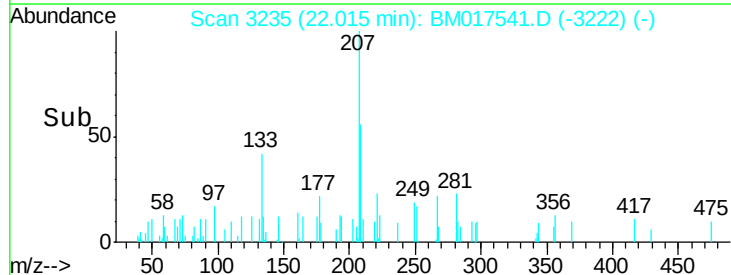
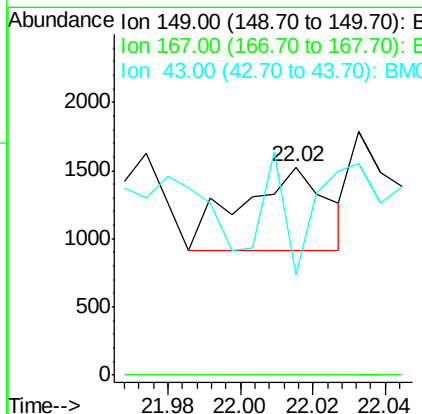
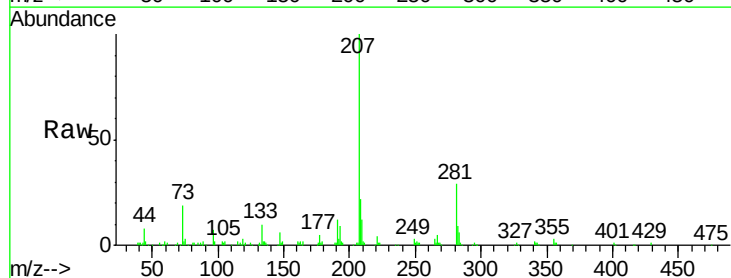
Instrument :
 BNA_M
 ClientSampled :

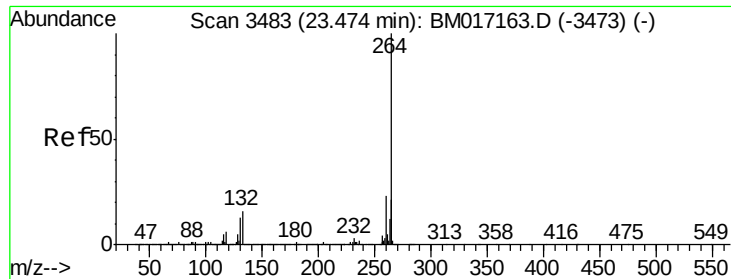
Tot Ion:149 Resp: 4888
 Ion Ratio Lower Upper
 149 100
 167 15.2 22.2 33.4#
 279 0.0 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 5.58 ng
 RT: 22.02 min Scan# 3235
 Delta R.T. -0.02 min
 Lab File: BM017541.D
 Acq: 06 Nov 2018 23:40

Tgt Ion:149 Resp: 992
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 39.1 7.2 10.8#





#87
Pervlene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3474
Delta R.T. -0.03 min
Lab File: BM017541.D
Acq: 06 Nov 2018 23:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1634074

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.7	17.8	26.8

