

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110718\
 Data File : BM017538.D
 Acq On : 06 Nov 2018 21:53
 Operator : MJ/SJ
 Sample : J5812-28
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 07 08:37:14 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

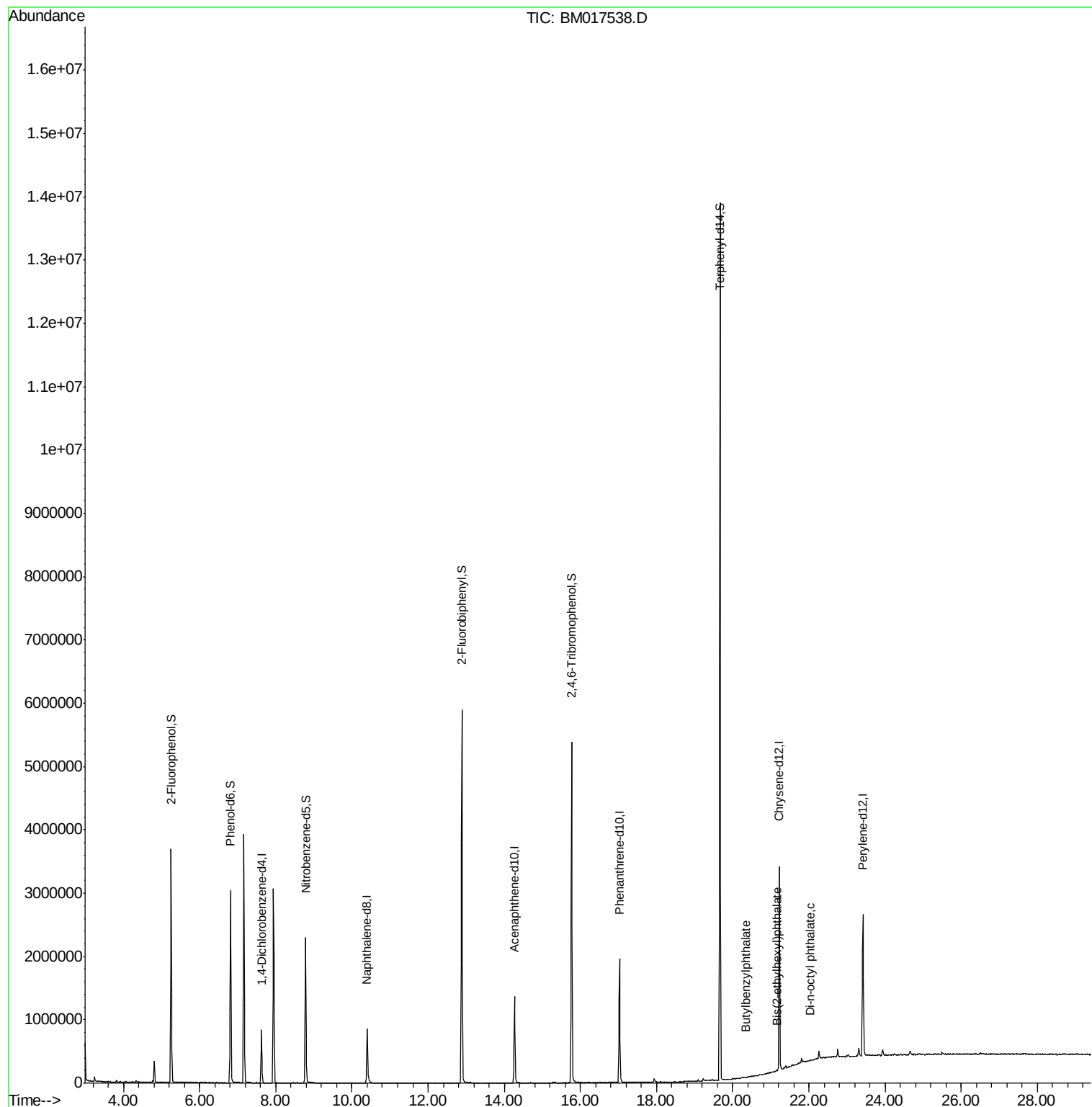
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	210702	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	798521	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	471433	20.00	ng	-0.02
64) Phenanthrene-d10	17.03	188	1208628	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1518360	20.00	ng	-0.02
87) Perylene-d12	23.42	264	1629469	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1415848	113.65	ng	-0.01
7) Phenol-d6	6.82	99	1636449	96.45	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1325517	97.08	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	962369	150.95	ng	-0.02
45) 2-Fluorobiphenyl	12.89	172	3048297	86.03	ng	-0.02
79) Terphenyl-d14	19.67	244	6143483	91.20	ng	-0.02
Target Compounds						
80) Butylbenzylphthalate	20.34	149	671	7.19	ng	# 27
84) Bis(2-ethylhexyl)phthalate	21.15	149	5438	5.41	ng	# 75
85) Di-n-octyl phthalate	22.03	149	299	5.57	ng	# 1

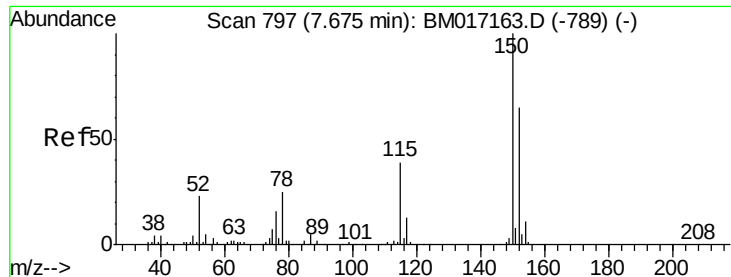
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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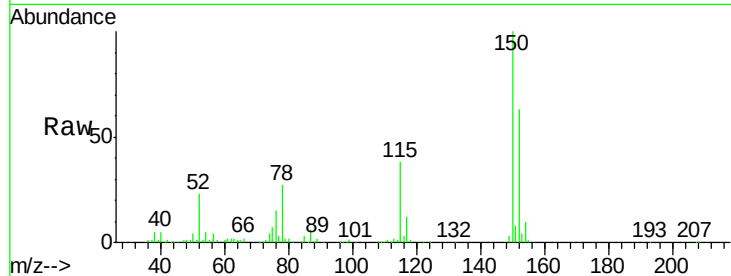


#1

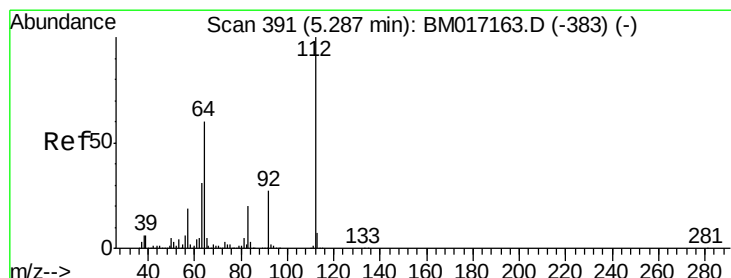
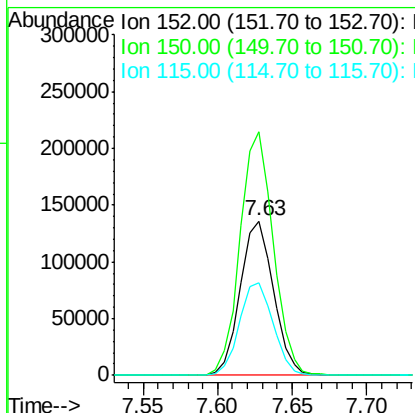
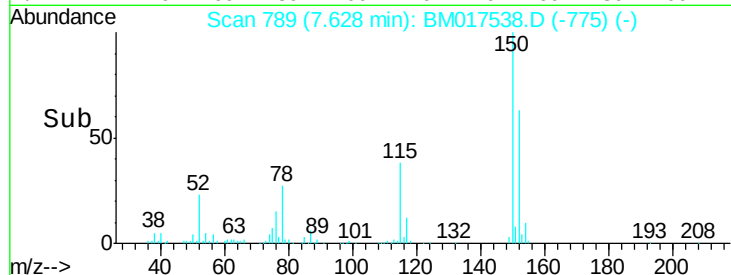
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017538.D
Acq: 06 Nov 2018 21:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.3	186.5
115	60.2	48.1	72.1



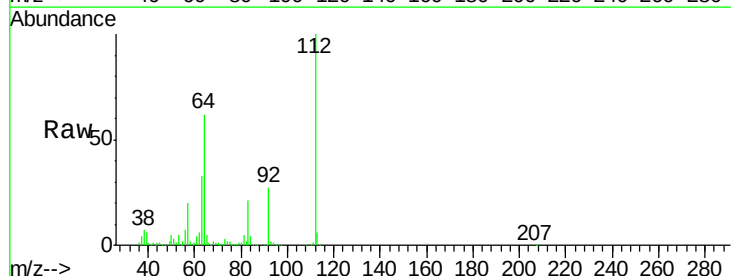
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



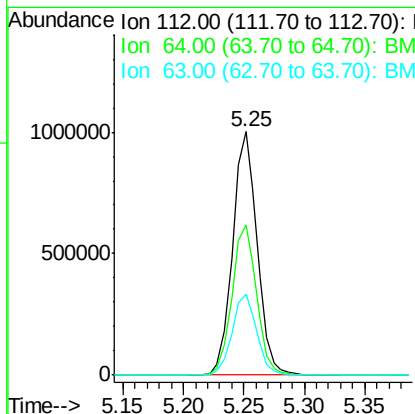
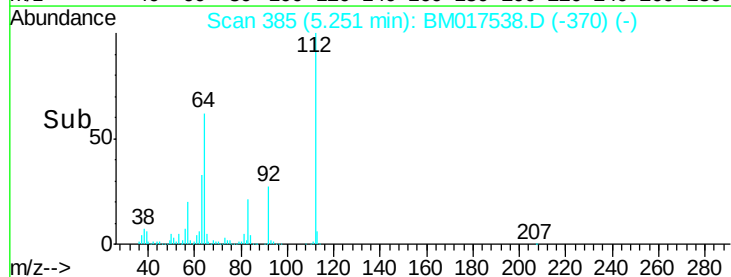
#5

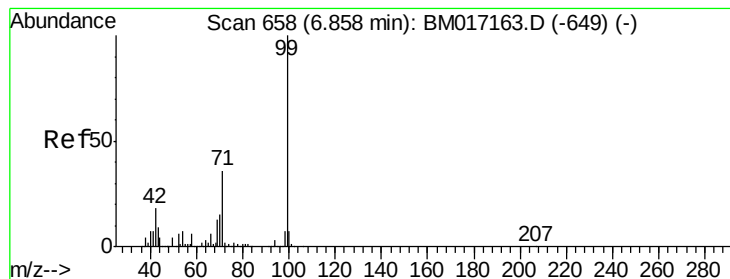
2-Fluorophenol
Concen: 113.65 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017538.D
Acq: 06 Nov 2018 21:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	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: 96.45 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017538.D

Acq: 06 Nov 2018 21:53

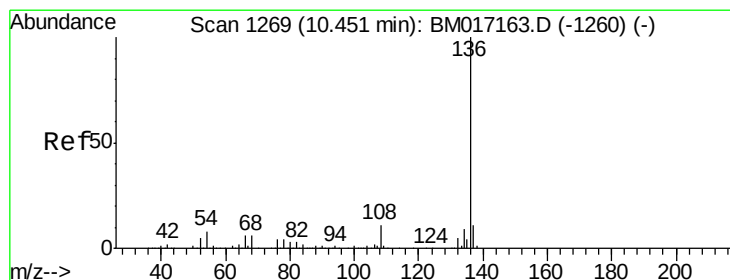
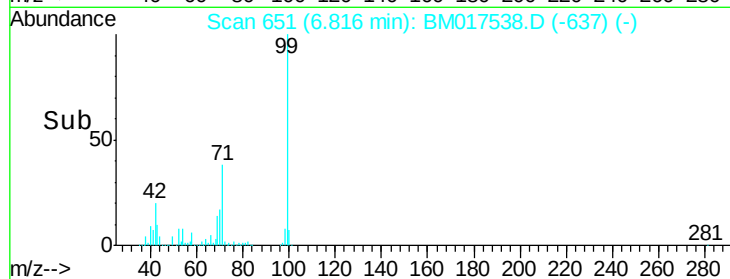
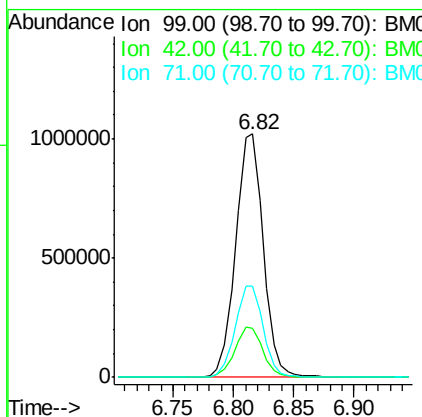
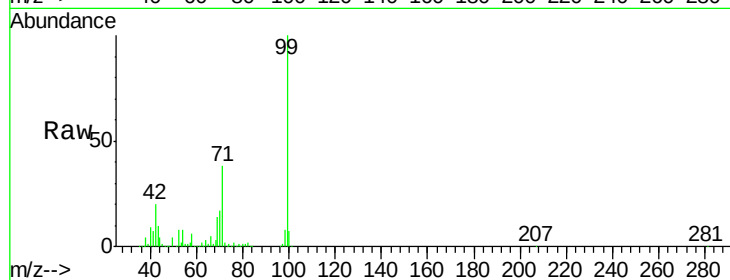
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1636449

Ion	Ratio	Lower	Upper
99	100		
42	20.3	13.3	19.9#
71	37.6	28.0	42.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.40 min Scan# 1260

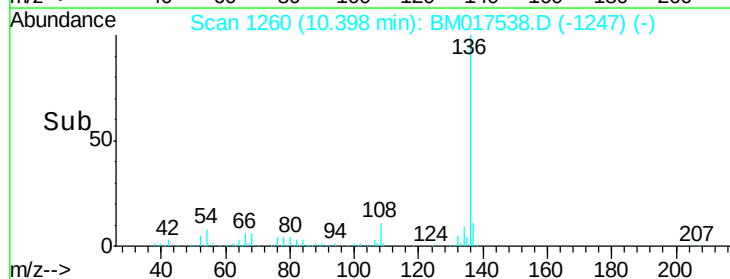
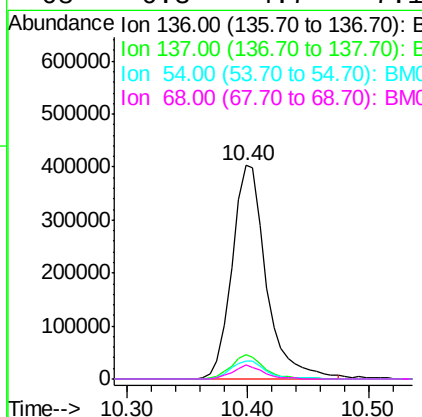
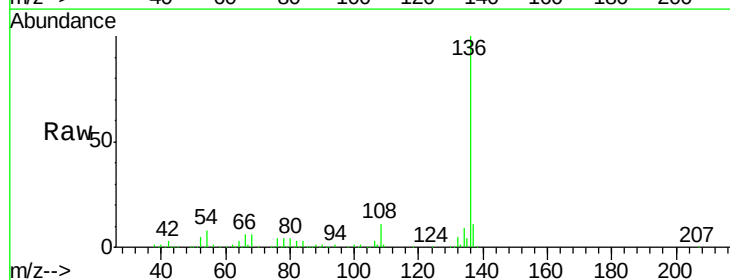
Delta R.T. -0.02 min

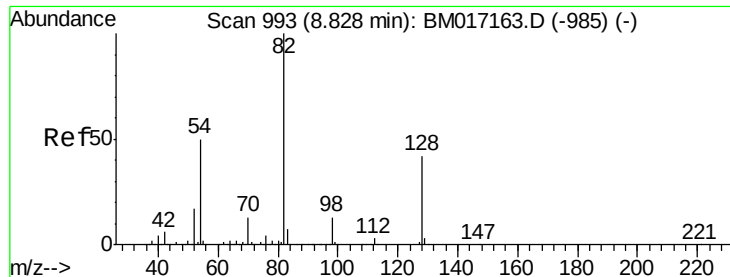
Lab File: BM017538.D

Acq: 06 Nov 2018 21:53

Tgt Ion: 136 Resp: 798521

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.4	6.7	10.1
68	6.3	4.7	7.1

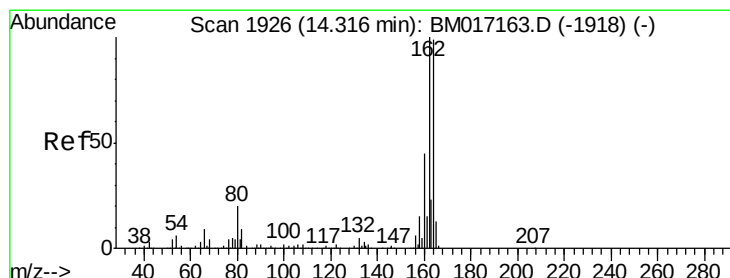
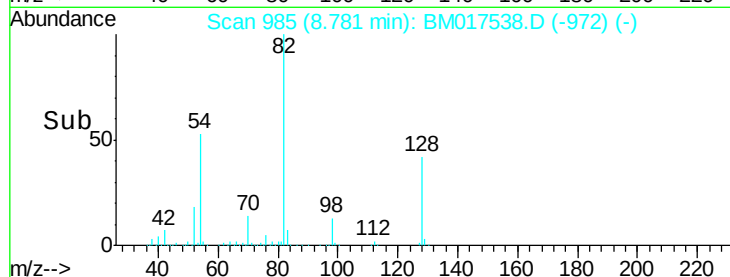
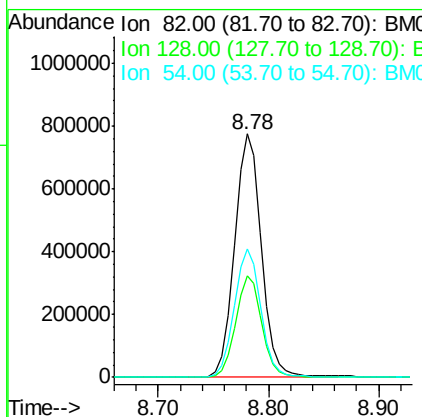
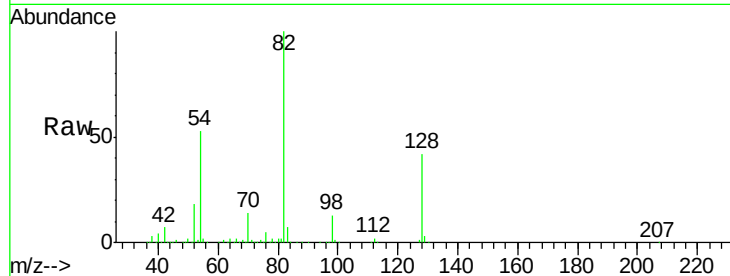




#23
Nitrobenzene-d5
Concen: 97.08 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.02 min
Lab File: BM017538.D
Acq: 06 Nov 2018 21:53

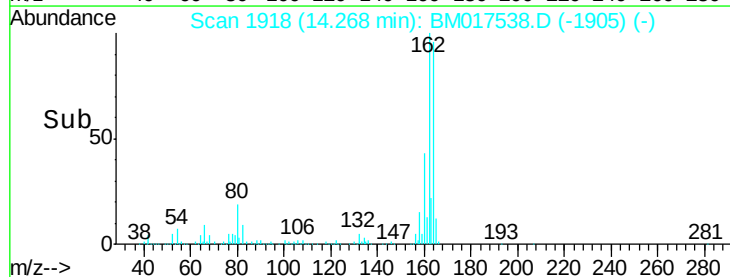
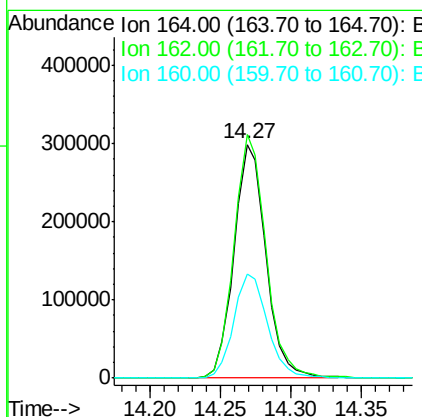
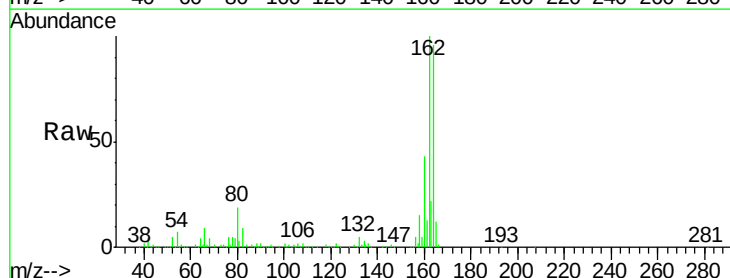
Instrument :
BNA_M
ClientSampleId :

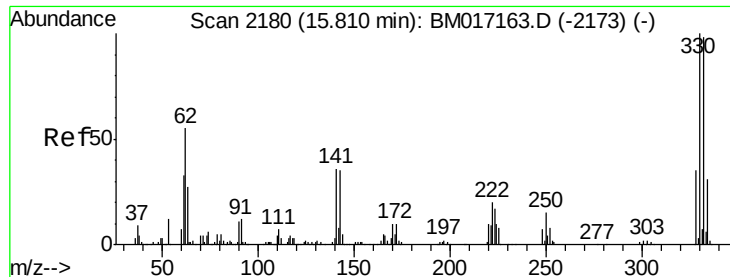
Tot Ion	82	Resp	1325517
Ion	Ratio	Lower	Upper
82	100		
128	41.5	37.0	55.6
54	52.9	40.7	61.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.27 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM017538.D
Acq: 06 Nov 2018 21:53

Tgt Ion	164	Resp	471433
Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.1	123.1
160	44.5	40.2	60.2





#42

2,4,6-Tribromophenol

Concen: 150.95 ng

RT: 15.77 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM017538.D

Acq: 06 Nov 2018 21:53

Instrument :

BNA_M

ClientSampled :

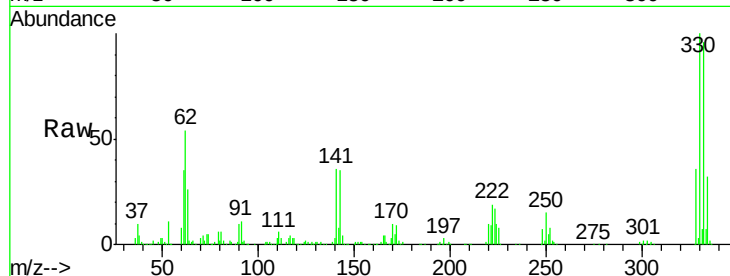
Tot Ion:330 Resp: 962369

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

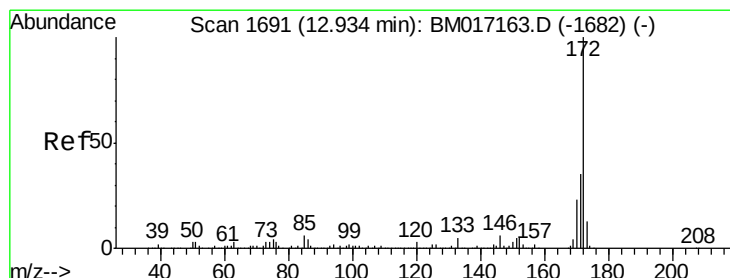
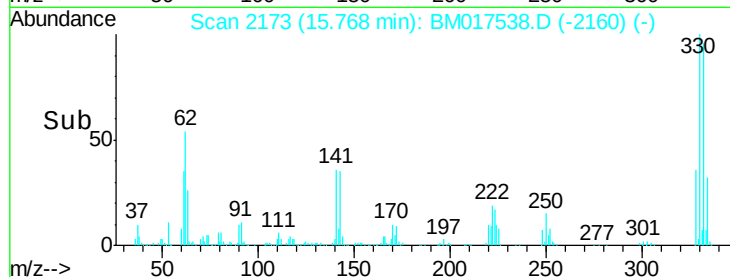
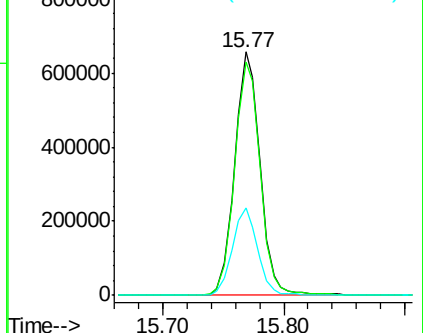
141 36.0 27.4 41.0



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: 86.03 ng

RT: 12.89 min Scan# 1683

Delta R.T. -0.02 min

Lab File: BM017538.D

Acq: 06 Nov 2018 21:53

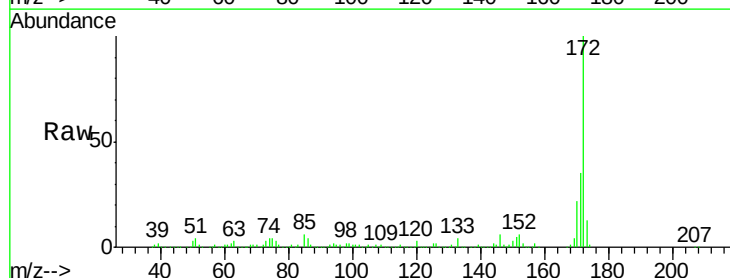
Tgt Ion:172 Resp: 3048297

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

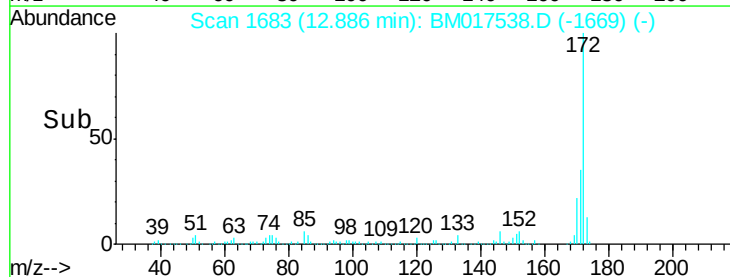
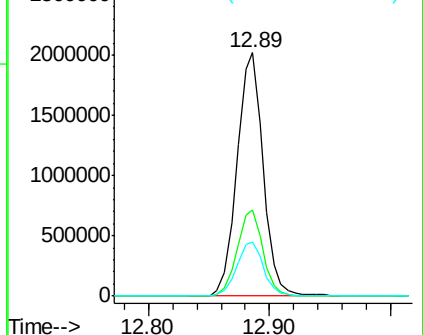
170 22.4 18.3 27.5

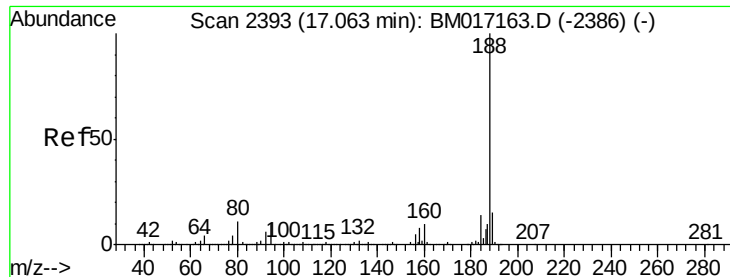


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.03 min Scan# 2387

Delta R.T. -0.02 min

Lab File: BM017538.D

Acq: 06 Nov 2018 21:53

Instrument :

BNA_M

ClientSampled :

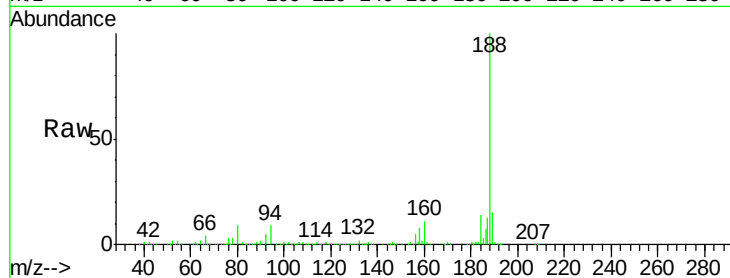
Tot Ion:188 Resp: 1208628

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

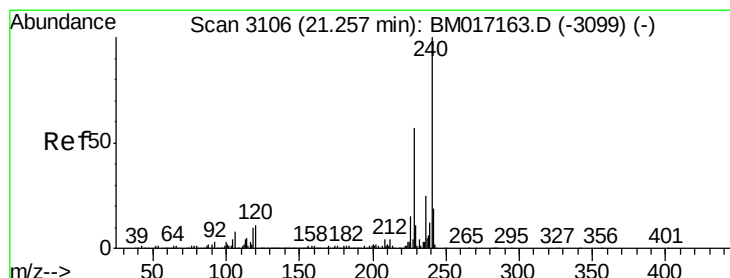
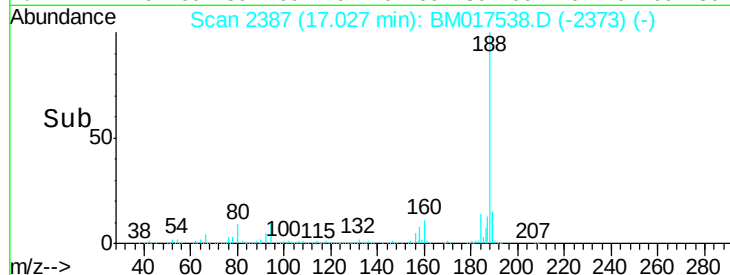
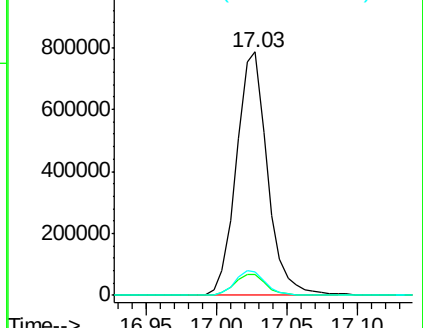
80 9.5 7.7 11.5



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: BM017538.D

Acq: 06 Nov 2018 21:53

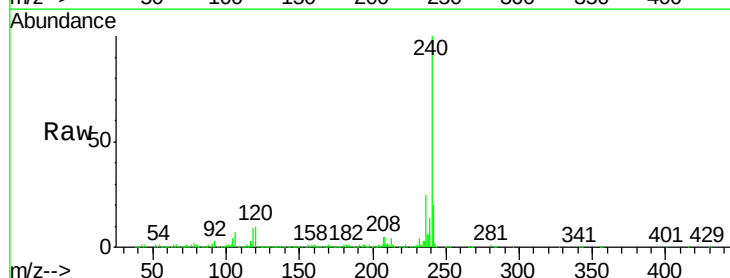
Tgt Ion:240 Resp: 1518360

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

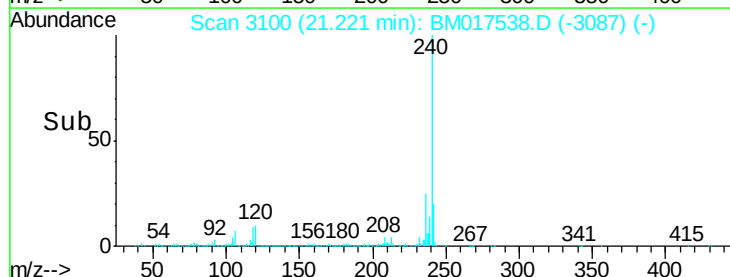
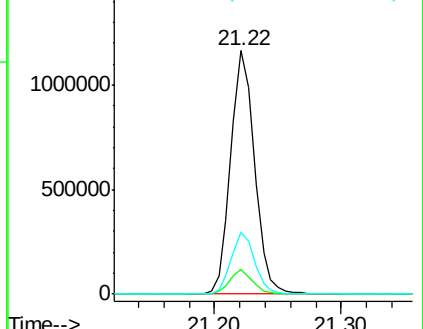
236 25.3 19.9 29.9

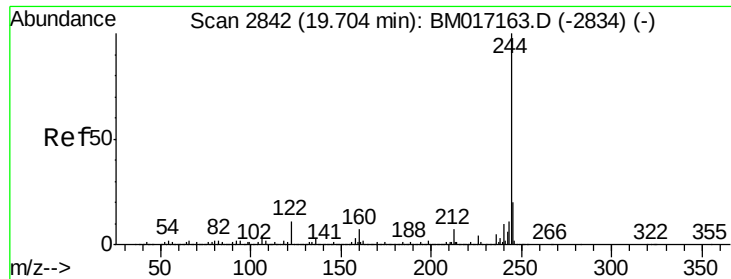


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.20 ng

RT: 19.67 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM017538.D

Acq: 06 Nov 2018 21:53

Instrument :

BNA_M

ClientSampleId :

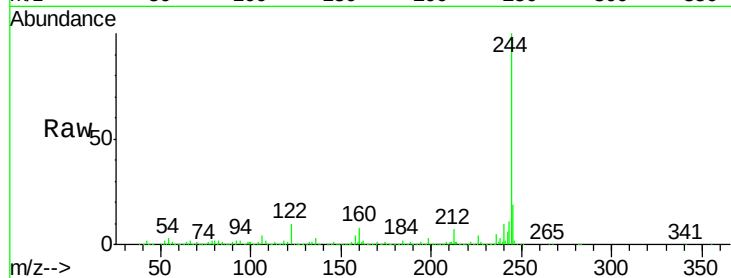
Tot Ion:244 Resp: 6143483

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

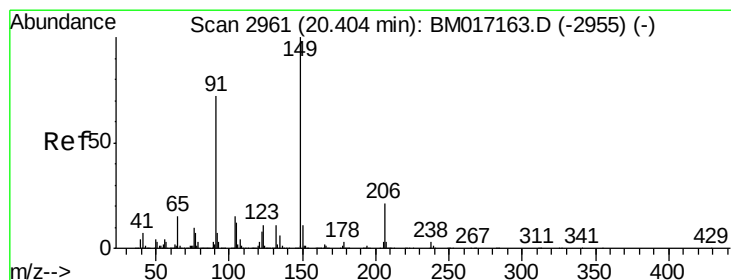
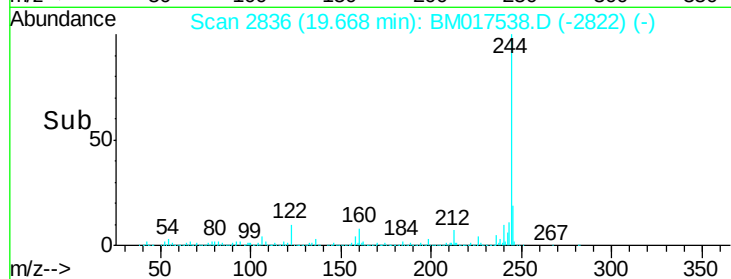
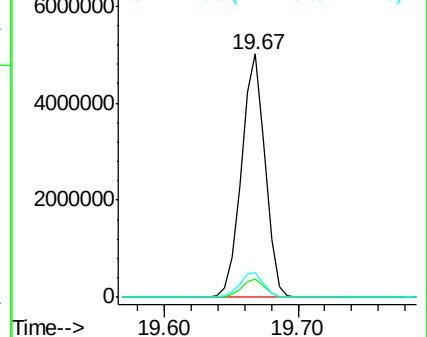
122 10.3 8.4 12.6



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: 7.19 ng

RT: 20.34 min Scan# 2951

Delta R.T. -0.04 min

Lab File: BM017538.D

Acq: 06 Nov 2018 21:53

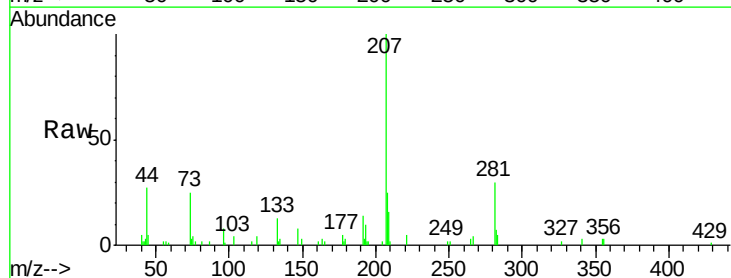
Tgt Ion:149 Resp: 671

Ion Ratio Lower Upper

149 100

91 0.0 51.3 76.9#

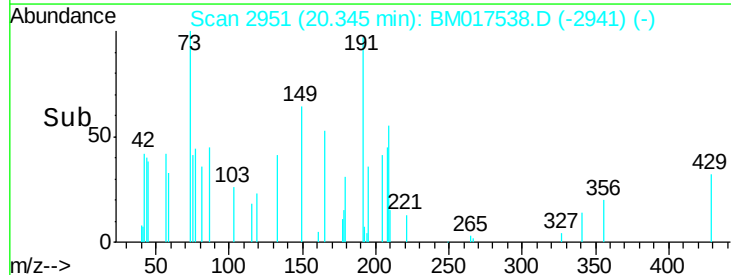
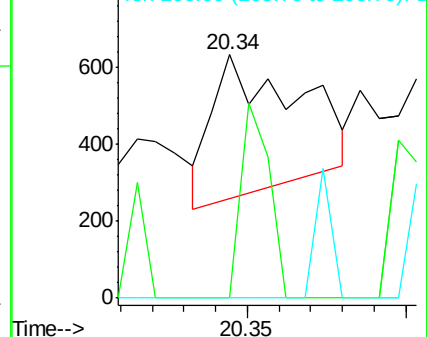
206 0.0 18.0 27.0#

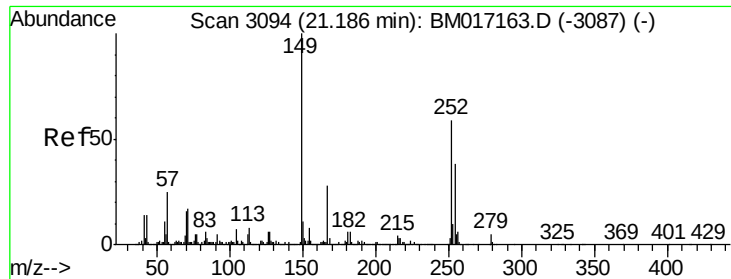


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

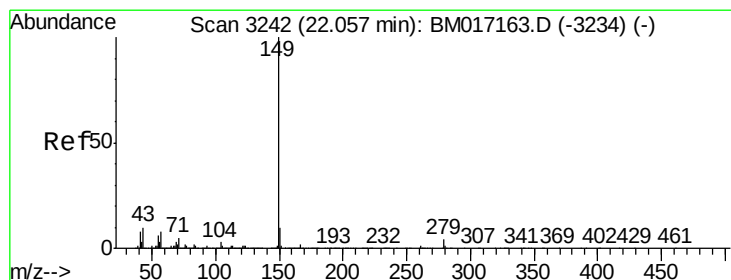
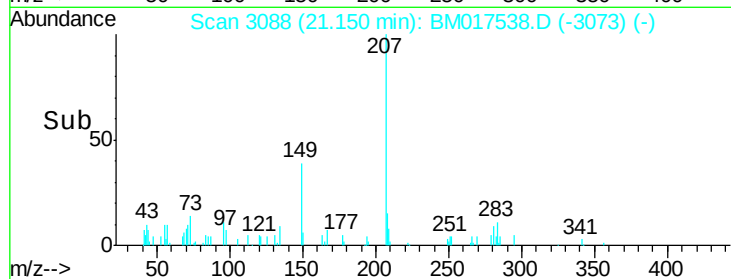
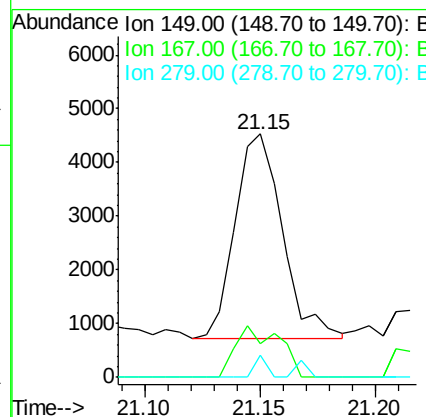
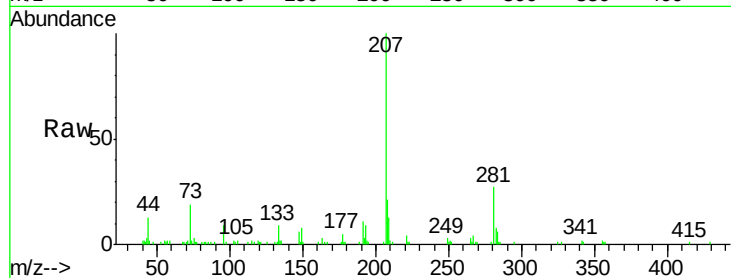




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.41 ng
 RT: 21.15 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM017538.D
 Acq: 06 Nov 2018 21:53

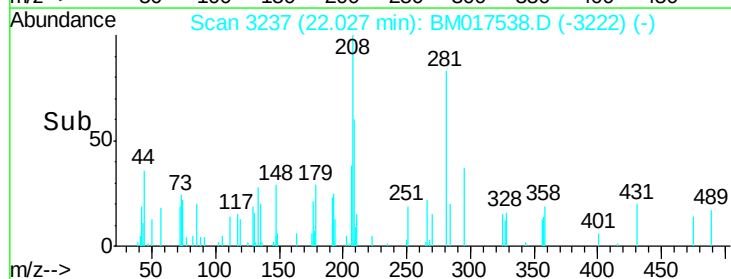
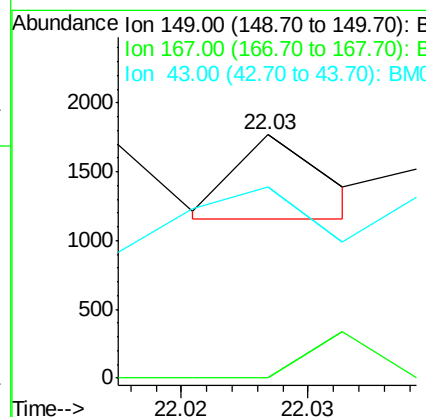
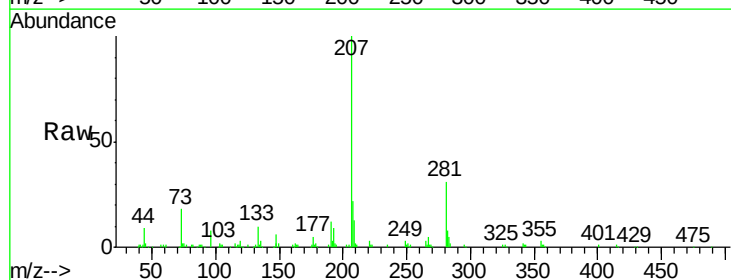
Instrument :
 BNA_M
 ClientSampleId :

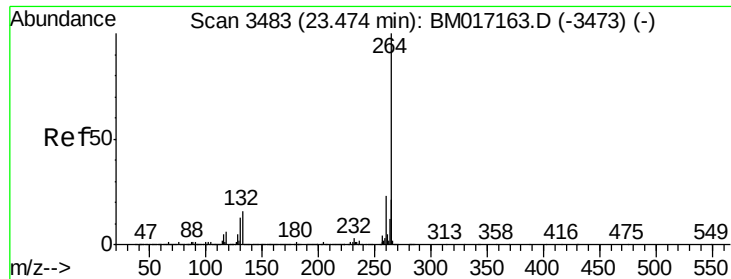
Tot Ion:149 Resp: 5438
 Ion Ratio Lower Upper
 149 100
 167 14.1 22.2 33.4#
 279 9.3 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 5.57 ng
 RT: 22.03 min Scan# 3237
 Delta R.T. -0.01 min
 Lab File: BM017538.D
 Acq: 06 Nov 2018 21:53

Tgt Ion:149 Resp: 299
 Ion Ratio Lower Upper
 149 100
 167 39.5 1.4 2.0#
 43 101.7 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: BM017538.D
Acq: 06 Nov 2018 21:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1629469

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.4	17.8	26.8

