

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
 Data File : BM017405.D
 Acq On : 29 Oct 2018 13:11
 Operator : MJ/SJ
 Sample : PB114216TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 29 15:07:32 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

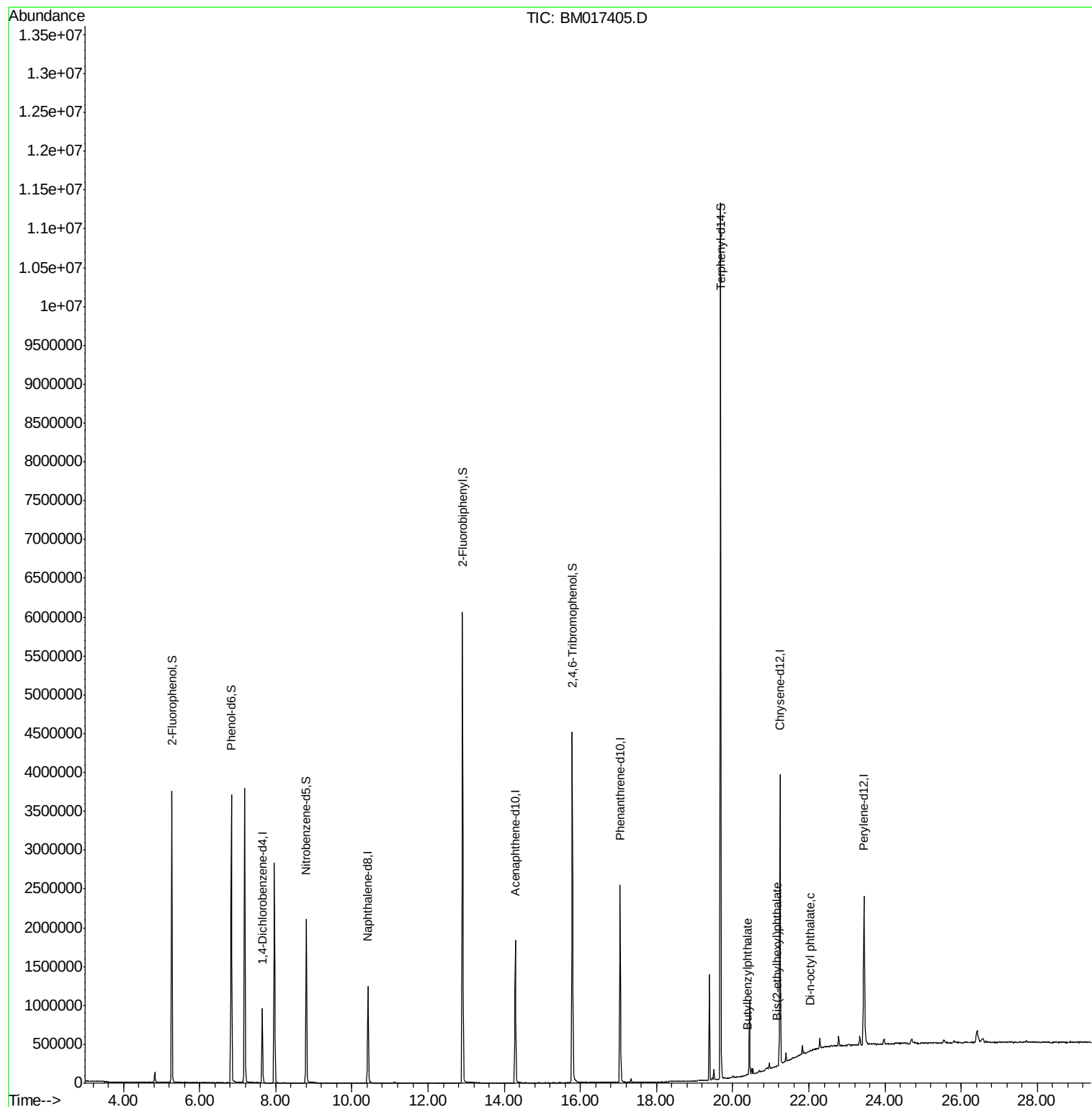
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	253554	20.00	ng	-0.03
21) Naphthalene-d8	10.42	136	1065224	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	640803	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1570357	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1754263	20.00	ng	-0.02
87) Perylene-d12	23.45	264	1546735	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1551135	103.47	ng	-0.02
7) Phenol-d6	6.83	99	2075633	101.66	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1232772	67.68	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	891726	102.90	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	3133901	65.07	ng	-0.03
79) Terphenyl-d14	19.68	244	5269378	67.70	ng	-0.02
Target Compounds						
80) Butylbenzylphthalate	20.40	149	612	7.190	ng	# 27
84) Bis(2-ethylhexyl)phthalate	21.17	149	5335	5.391	ng	# 92
85) Di-n-octyl phthalate	22.04	149	5326	5.620	ng	# 74

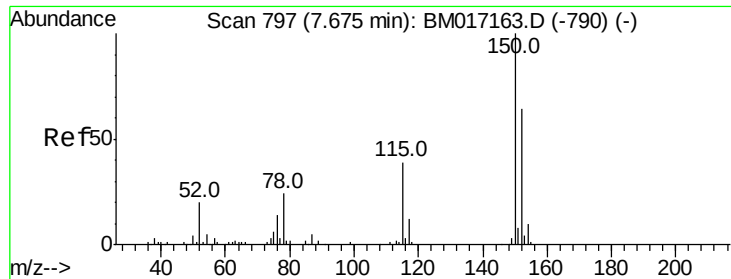
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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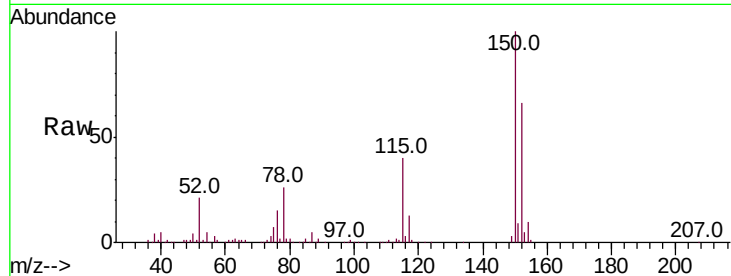


#1

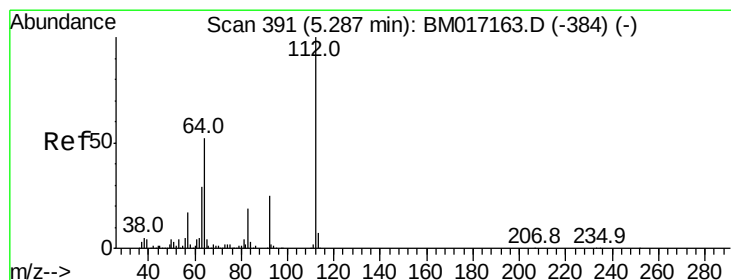
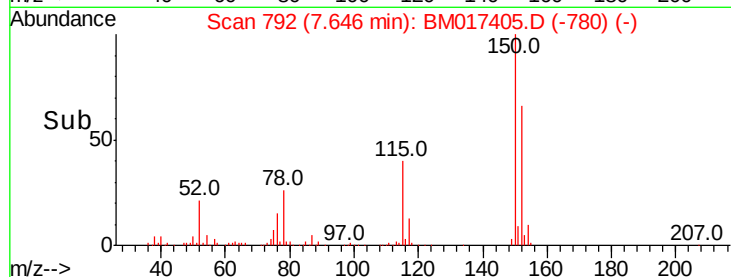
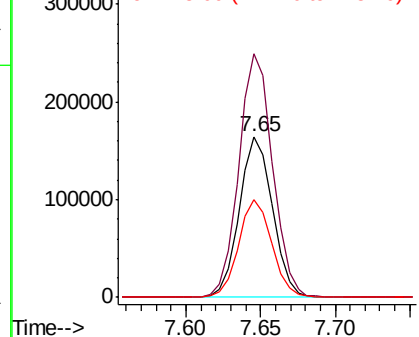
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.03 min
Lab File: BM017405.D
Acq: 29 Oct 2018 13:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 253554
Ion Ratio Lower Upper
152 100
150 151.7 124.3 186.5
115 60.6 48.1 72.1



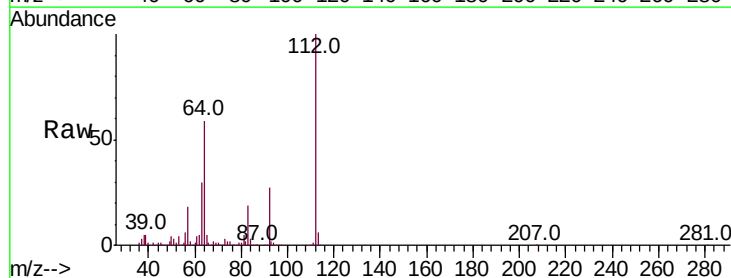
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



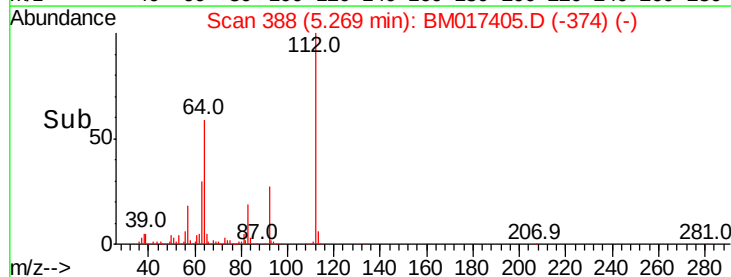
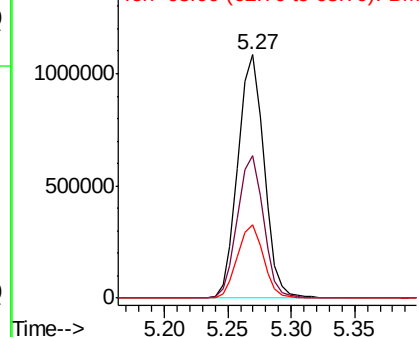
#5

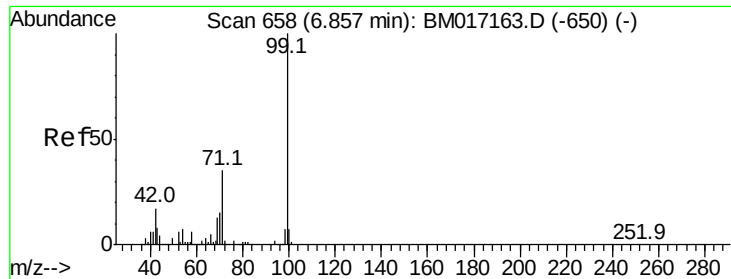
2-Fluorophenol
Concen: 103.469 ng
RT: 5.27 min Scan# 388
Delta R.T. -0.02 min
Lab File: BM017405.D
Acq: 29 Oct 2018 13:11

Tgt Ion:112 Resp: 1551135
Ion Ratio Lower Upper
112 100
64 58.6 41.7 62.5
63 30.0 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: 101.660 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BM017405.D

Acq: 29 Oct 2018 13:11

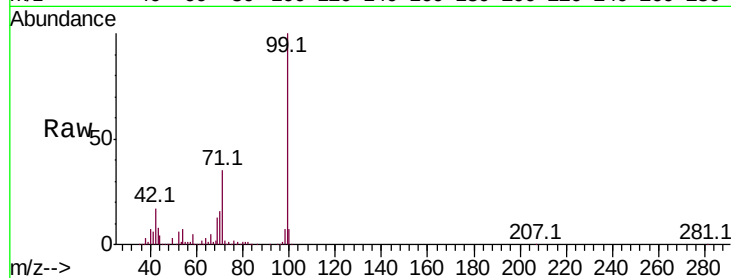
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2075633

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.3	19.9
71	35.0	28.0	42.0

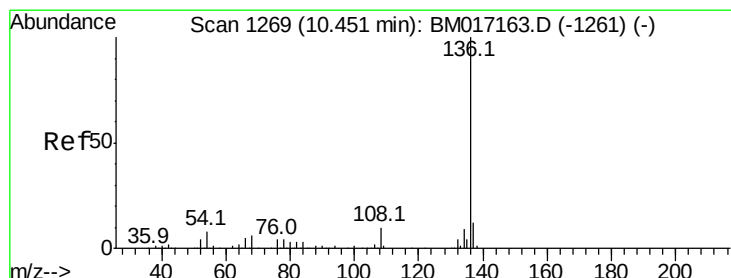
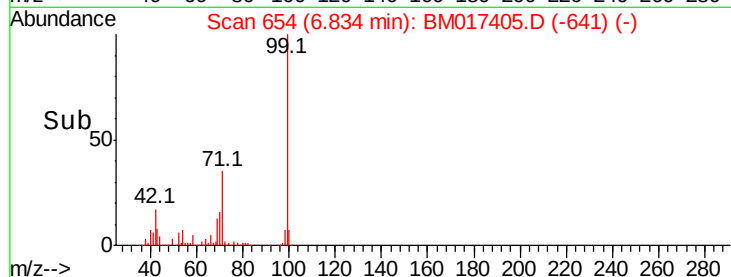
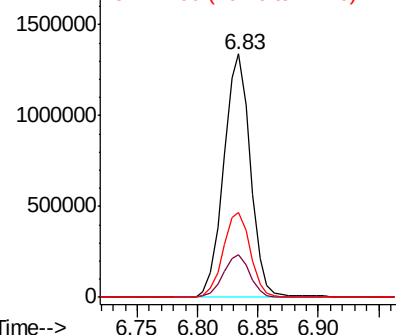


Abundance

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: 10.42 min Scan# 1264

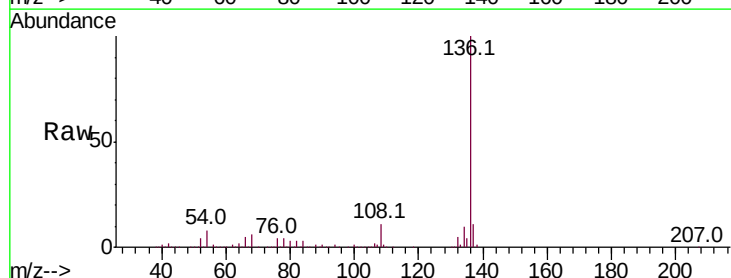
Delta R.T. -0.03 min

Lab File: BM017405.D

Acq: 29 Oct 2018 13:11

Tgt Ion: 136 Resp: 1065224

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.9	6.7	10.1
68	5.7	4.7	7.1



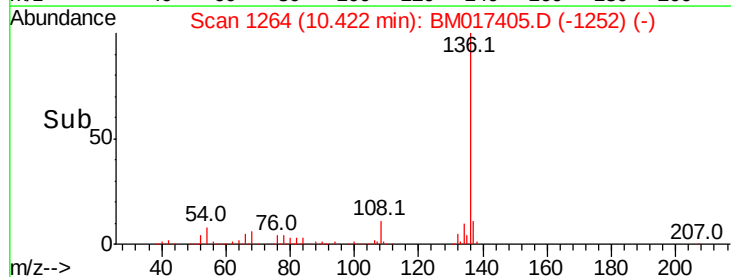
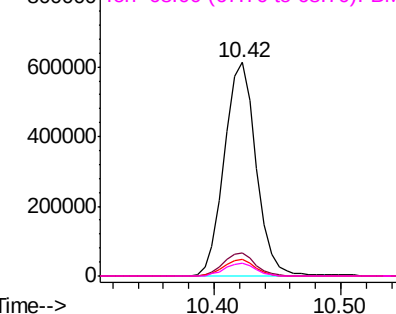
Abundance

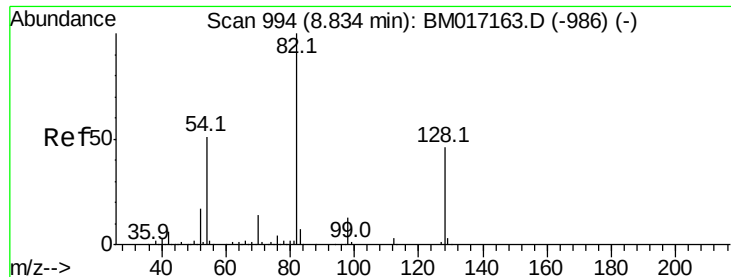
Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

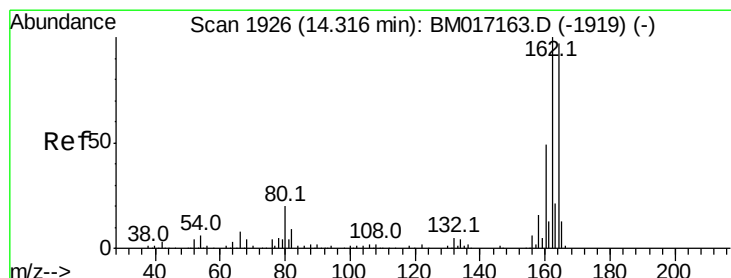
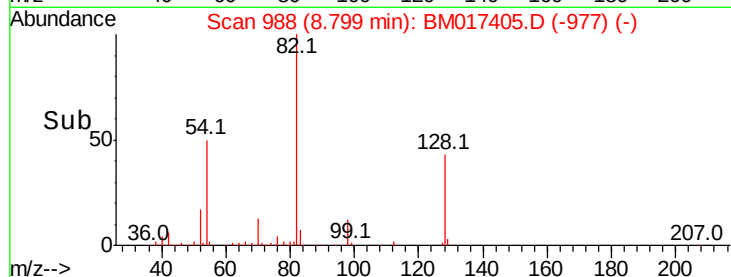
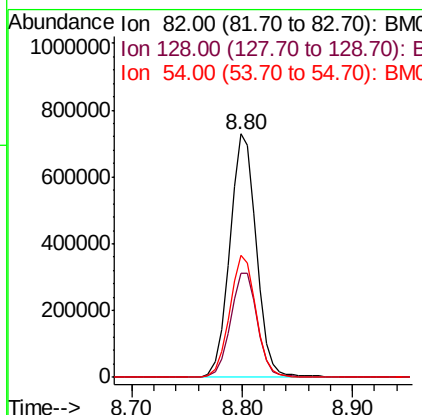
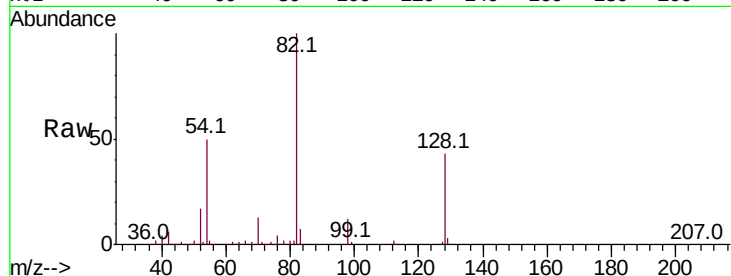




#23
Nitrobenzene-d5
Concen: 67.685 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.04 min
Lab File: BM017405.D
Acq: 29 Oct 2018 13:11

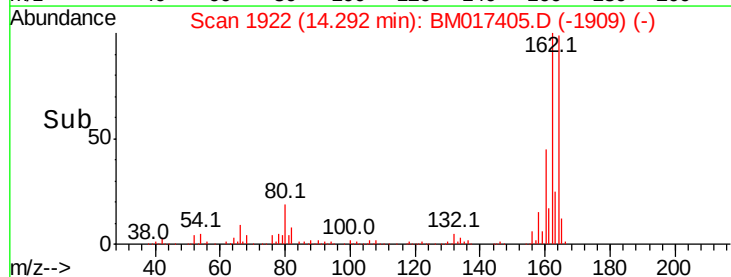
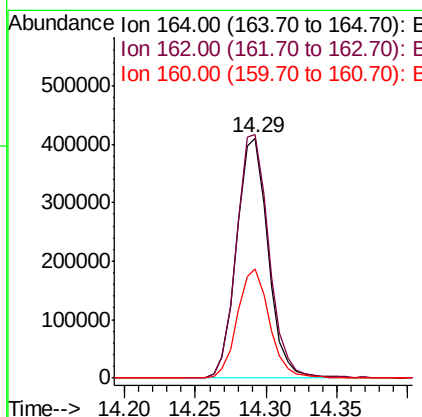
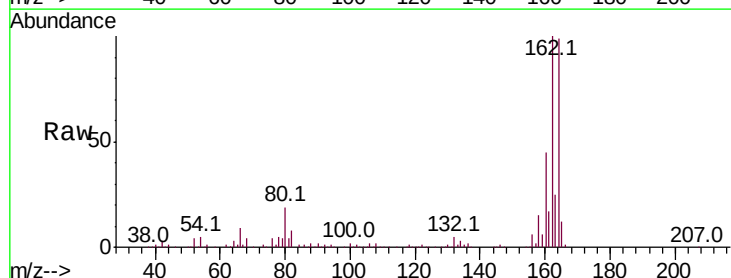
Instrument :
BNA_M
ClientSampled :

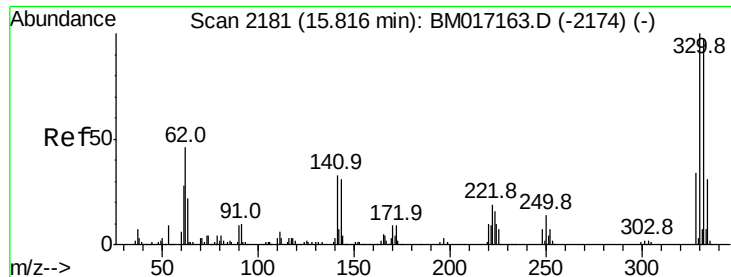
Tot Ion: 82 Resp: 1232772
Ion Ratio Lower Upper
82 100
128 43.0 37.0 55.6
54 49.9 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM017405.D
Acq: 29 Oct 2018 13:11

Tgt Ion:164 Resp: 640803
Ion Ratio Lower Upper
164 100
162 101.5 82.1 123.1
160 45.5 40.2 60.2

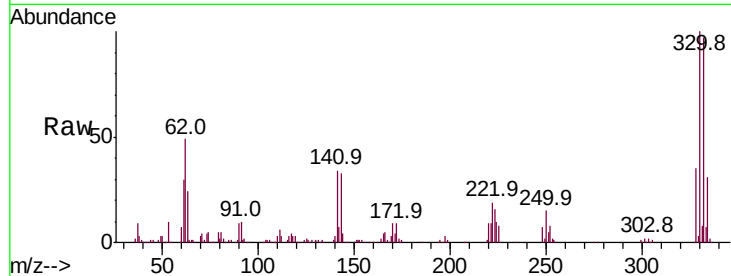




#42
 2,4,6-Tribromophenol
 Concen: 102.900 ng
 RT: 15.79 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: BM017405.D
 Acq: 29 Oct 2018 13:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	33.0	27.4	41.0

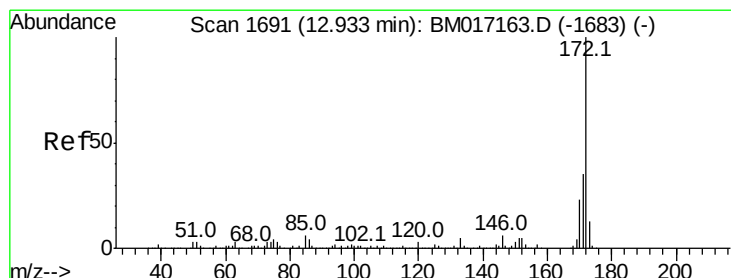
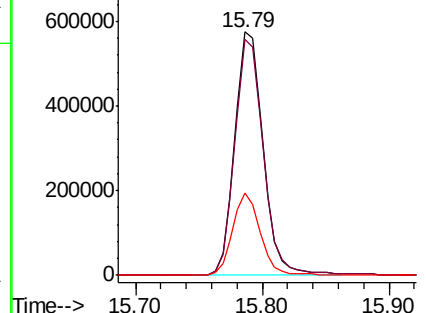
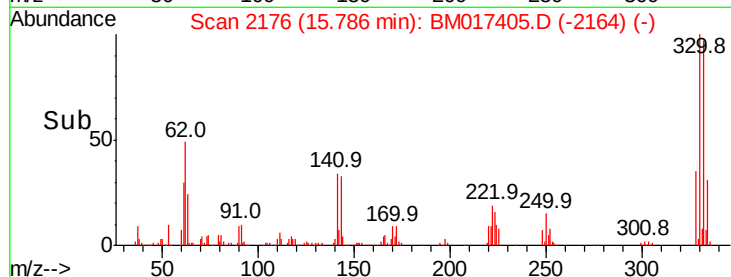


Abundance

Ion 329.80 (329.50 to 330.50): E

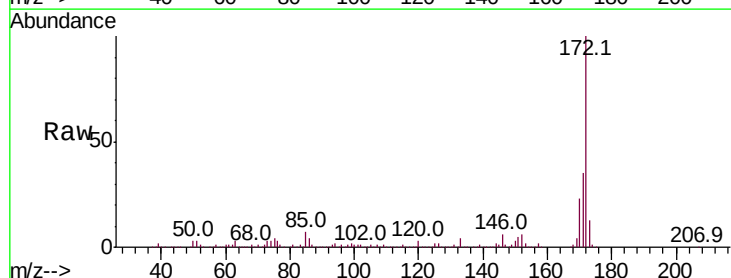
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 65.071 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. -0.03 min
 Lab File: BM017405.D
 Acq: 29 Oct 2018 13:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	22.5	18.3	27.5

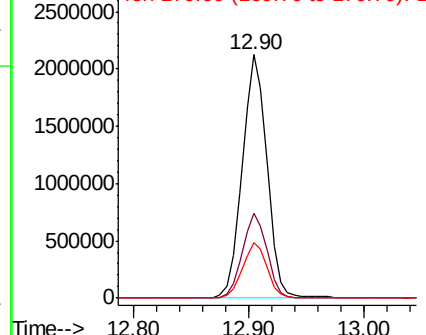
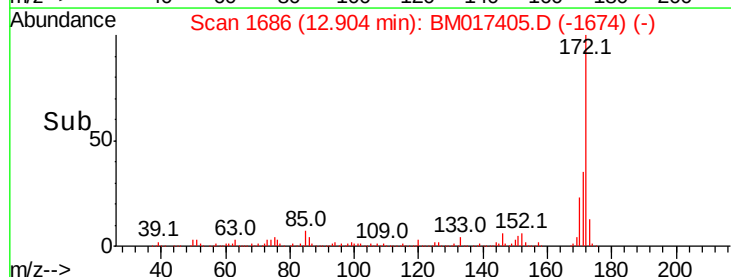


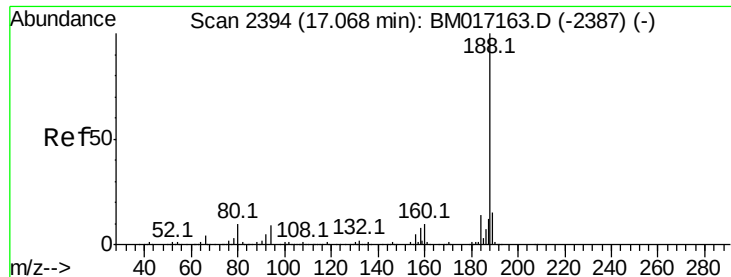
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2390

Delta R.T. -0.02 min

Lab File: BM017405.D

Acq: 29 Oct 2018 13:11

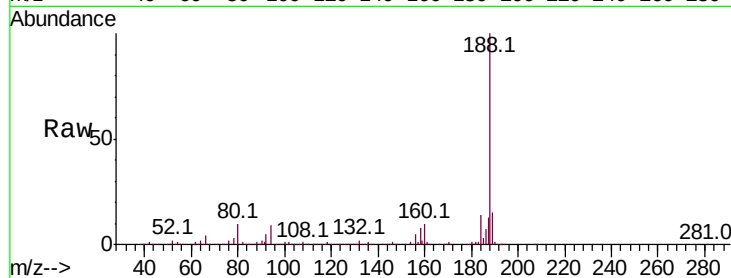
Instrument :

BNA_M

ClientSampleId :

Tot Ion:188 Resp: 1570357

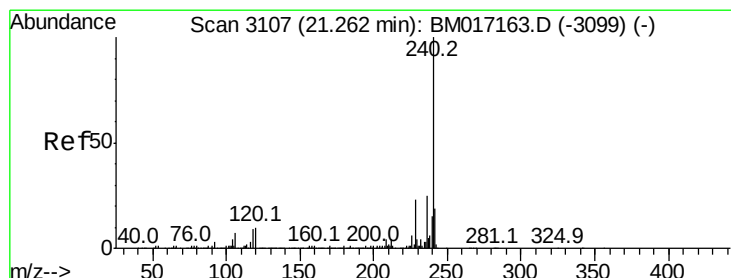
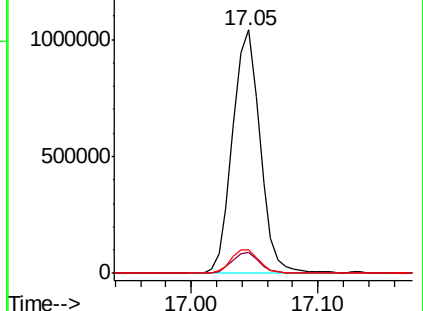
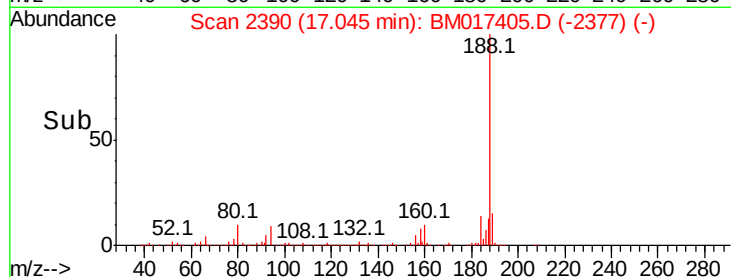
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	9.6	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM017405.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017405.D (-2377) (-)



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3103

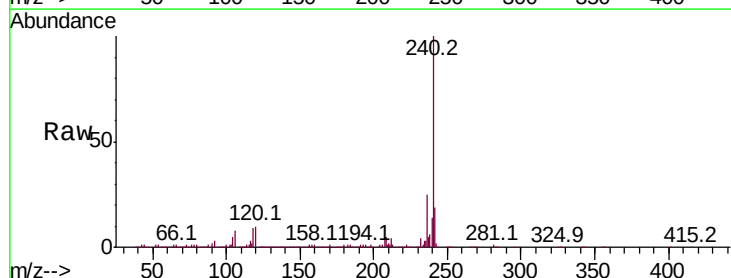
Delta R.T. -0.02 min

Lab File: BM017405.D

Acq: 29 Oct 2018 13:11

Tgt Ion:240 Resp: 1754263

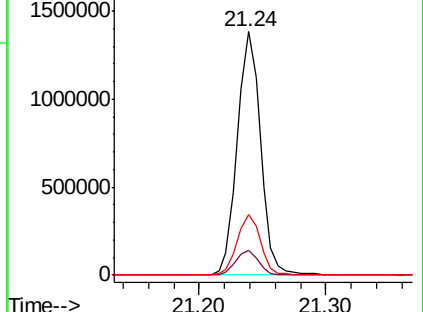
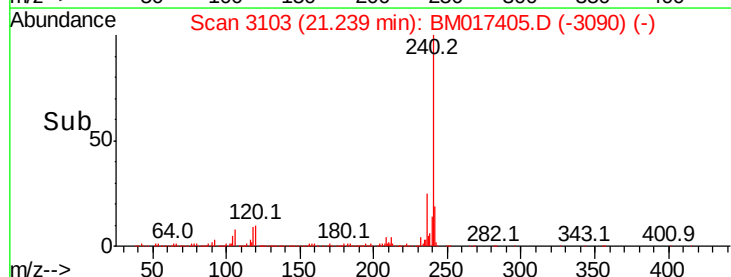
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	25.1	19.9	29.9

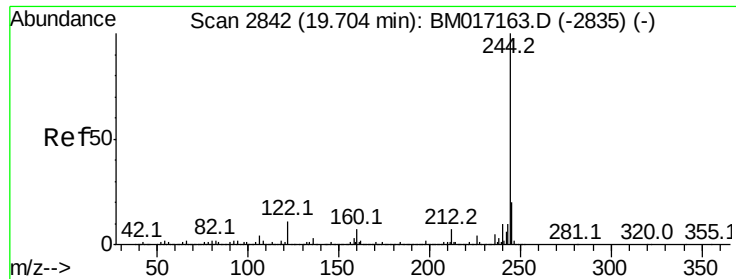


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.705 ng

RT: 19.68 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BM017405.D

Acq: 29 Oct 2018 13:11

Instrument :

BNA_M

ClientSampled :

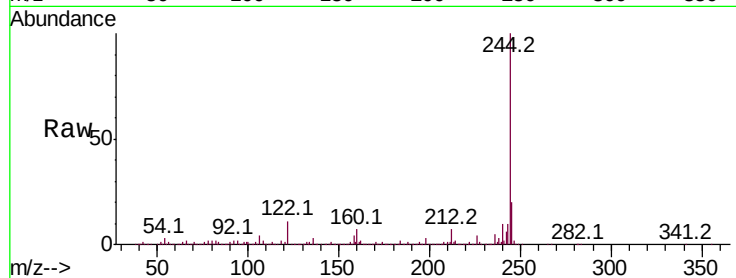
Tot Ion:244 Resp: 5269378

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

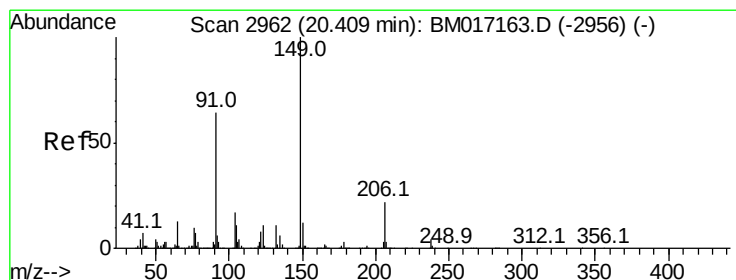
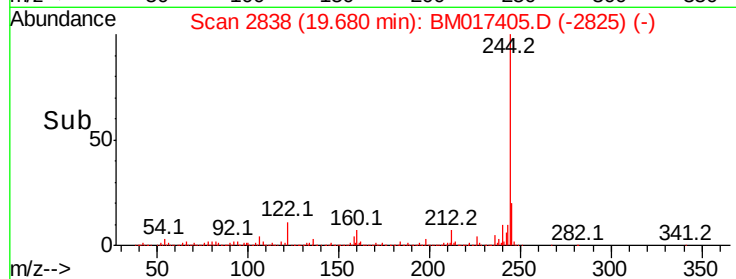
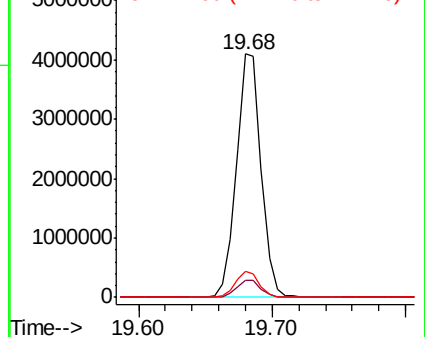
122 10.8 8.4 12.6



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: 7.190 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017405.D

Acq: 29 Oct 2018 13:11

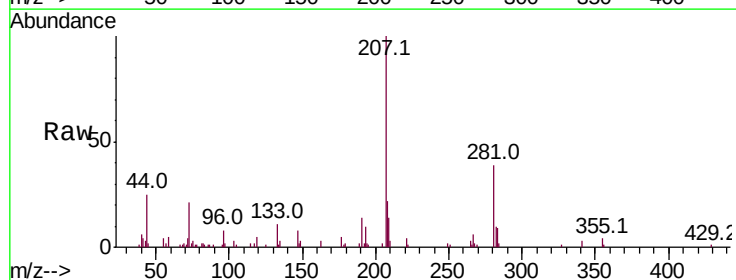
Tgt Ion:149 Resp: 612

Ion Ratio Lower Upper

149 100

91 0.0 51.3 76.9#

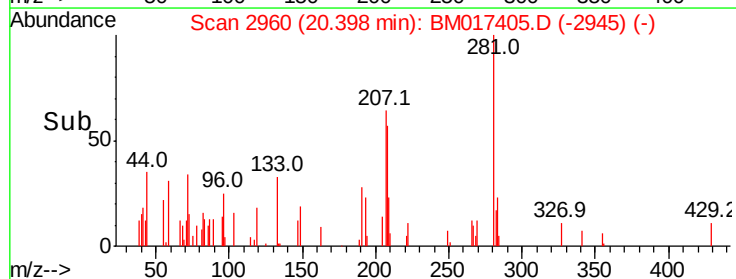
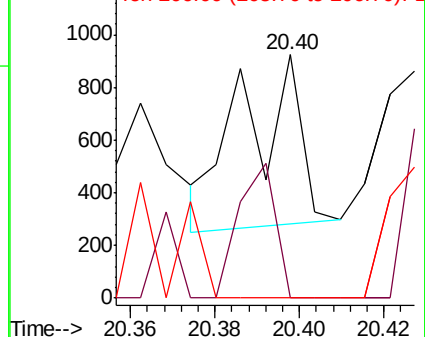
206 0.0 18.0 27.0#

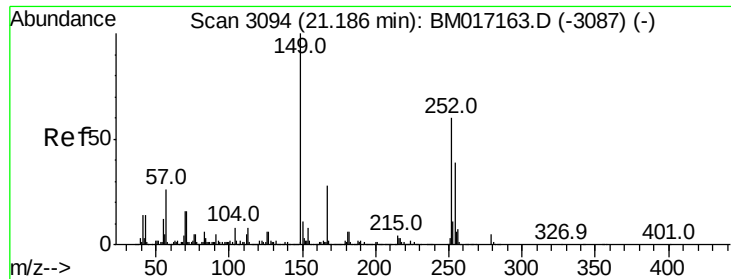


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

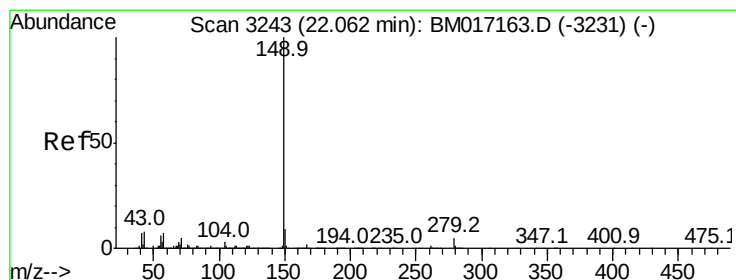
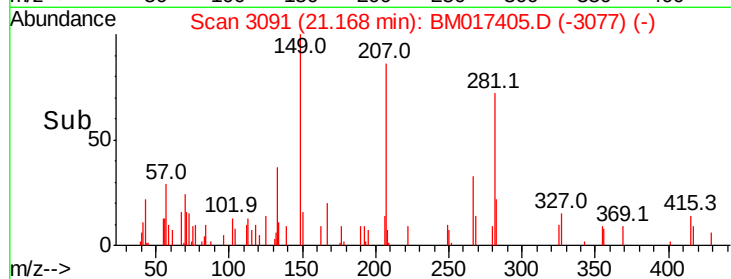
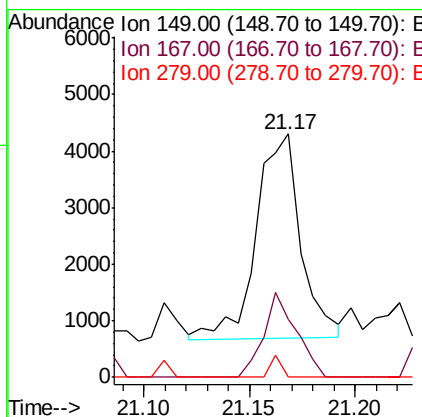
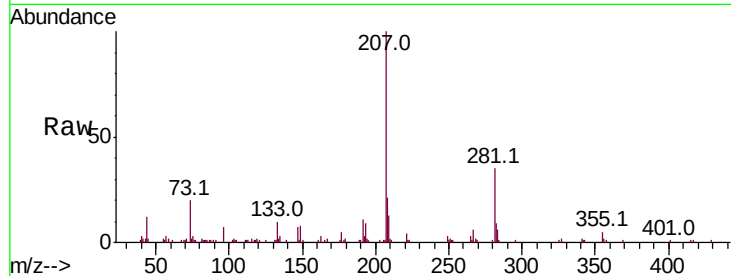




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.391 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.02 min
 Lab File: BM017405.D
 Acq: 29 Oct 2018 13:11

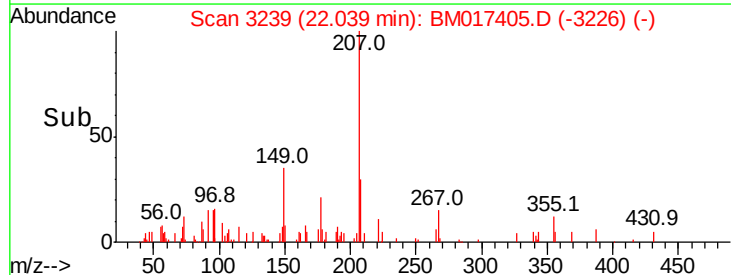
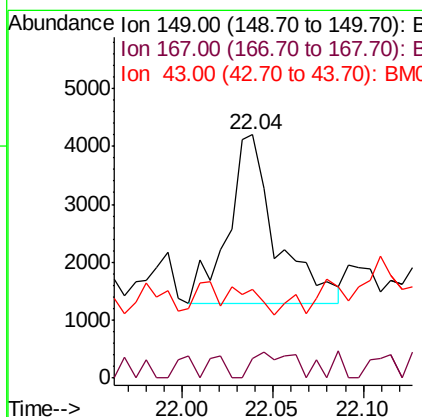
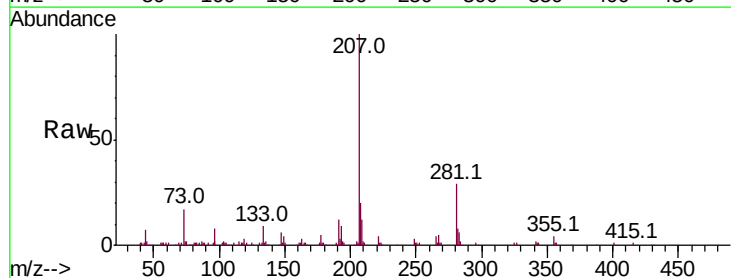
Instrument :
 BNA_M
 ClientSampleId :

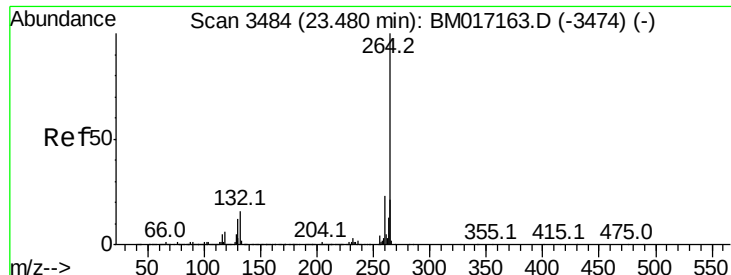
Tot Ion	Ratio	Lower	Upper
149	100		
167	23.9	22.2	33.4
279	0.0	3.6	5.4#



#85
 Di-n-octyl phthalate
 Concen: 5.620 ng
 RT: 22.04 min Scan# 3239
 Delta R.T. -0.02 min
 Lab File: BM017405.D
 Acq: 29 Oct 2018 13:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	12.6	1.4	2.0#
43	0.0	7.2	10.8#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.45 min Scan# 3479
Delta R.T. -0.03 min
Lab File: BM017405.D
Acq: 29 Oct 2018 13:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1546735

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	22.2	17.8	26.8

