

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110718\
 Data File : BM017543.D
 Acq On : 07 Nov 2018 00:52
 Operator : MJ/SJ
 Sample : J5812-24
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 07 08:37:58 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

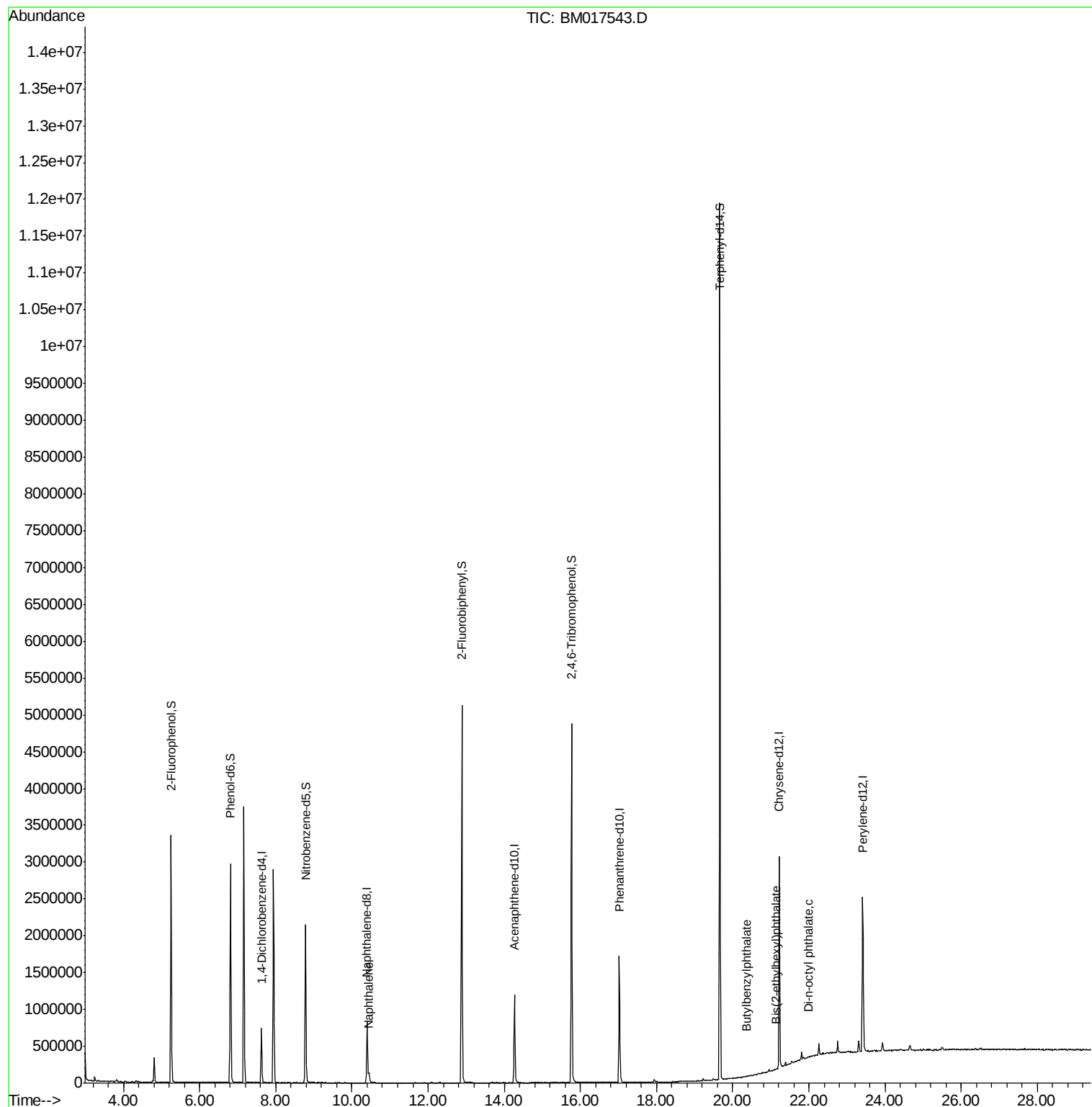
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	198045	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	739959	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	430508	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1083401	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1416586	20.00	ng	-0.02
87) Perylene-d12	23.42	264	1543002	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1329459	113.54	ng	-0.01
7) Phenol-d6	6.81	99	1565939	98.19	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1214695	96.01	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	871059	149.62	ng	-0.02
45) 2-Fluorobiphenyl	12.89	172	2781565	85.97	ng	-0.02
79) Terphenyl-d14	19.67	244	5679197	90.36	ng	-0.02
Target Compounds						
31) Naphthalene	10.45	128	95765	2.64	ng	Qvalue 96
80) Butylbenzylphthalate	20.36	149	511	7.19	ng	# 27
84) Bis(2-ethylhexyl)phthalate	21.15	149	4118	5.39	ng	# 93
85) Di-n-octyl phthalate	22.00	149	521	5.58	ng	# 8

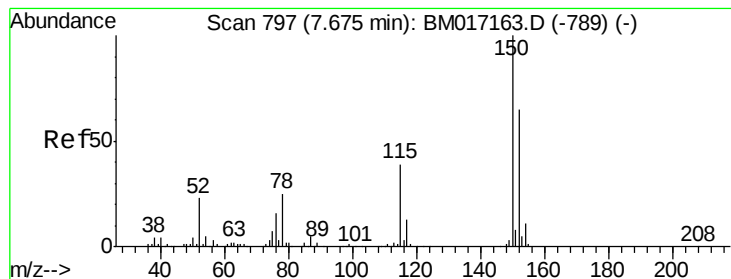
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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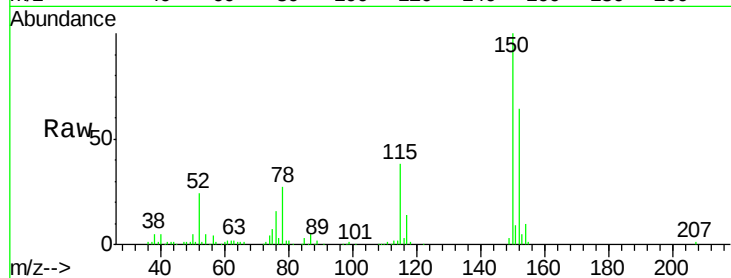


#1

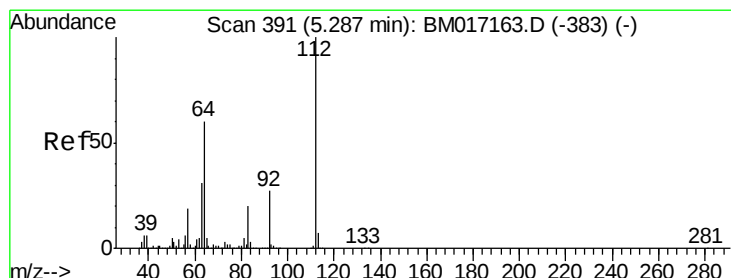
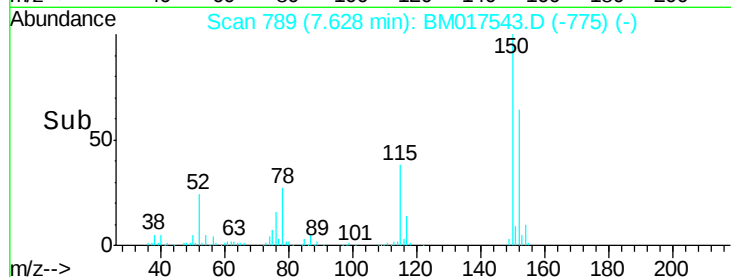
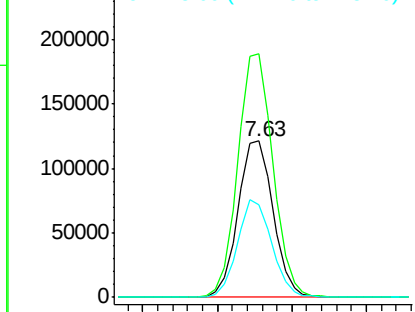
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017543.D
Acq: 07 Nov 2018 00:52

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 198045
Ion Ratio Lower Upper
152 100
150 155.7 124.3 186.5
115 59.4 48.1 72.1



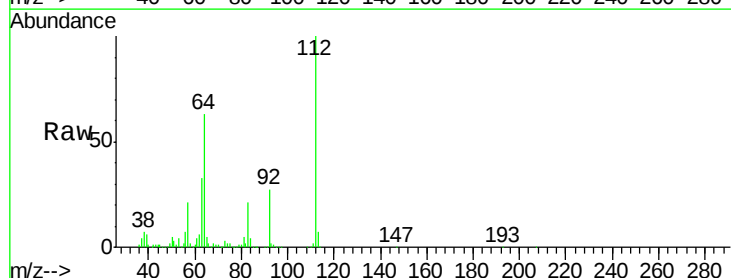
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



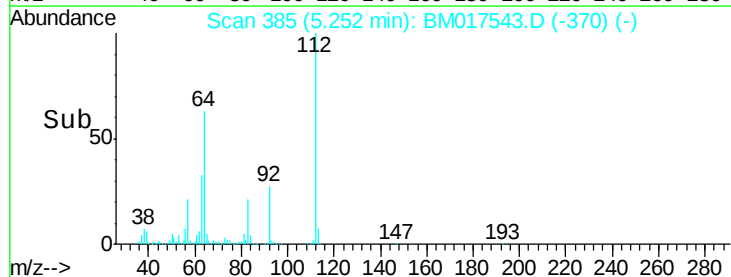
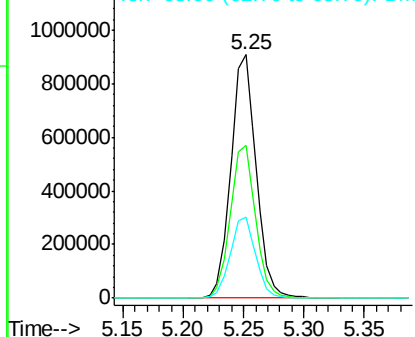
#5

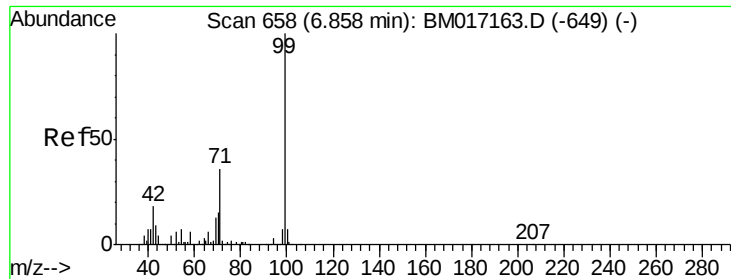
2-Fluorophenol
Concen: 113.54 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017543.D
Acq: 07 Nov 2018 00:52

Tgt Ion:112 Resp: 1329459
Ion Ratio Lower Upper
112 100
64 62.5 41.7 62.5#
63 33.0 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: 98.19 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017543.D

Acq: 07 Nov 2018 00:52

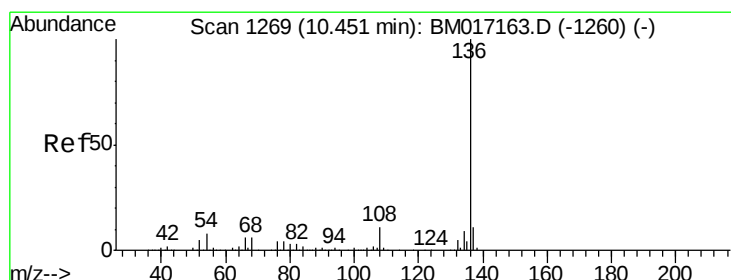
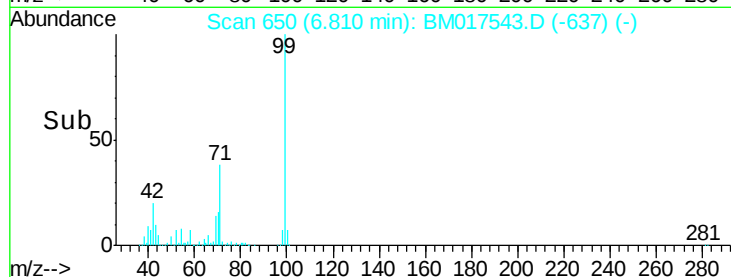
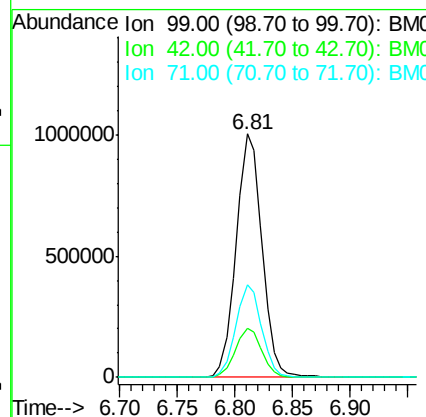
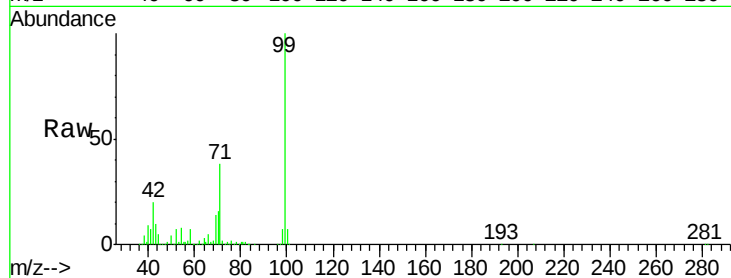
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1565939

Ion	Ratio	Lower	Upper
99	100		
42	20.3	13.3	19.9#
71	38.1	28.0	42.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.40 min Scan# 1260

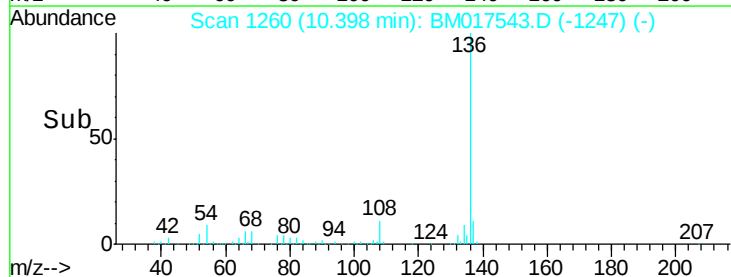
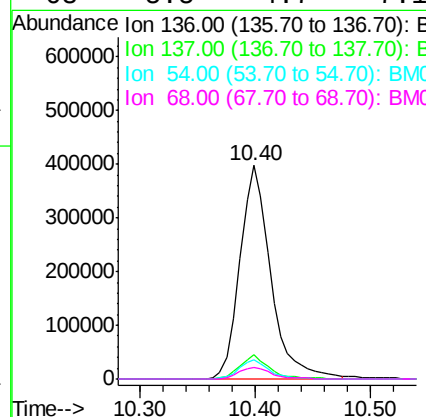
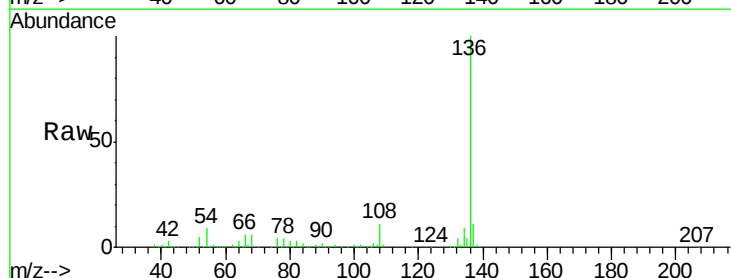
Delta R.T. -0.02 min

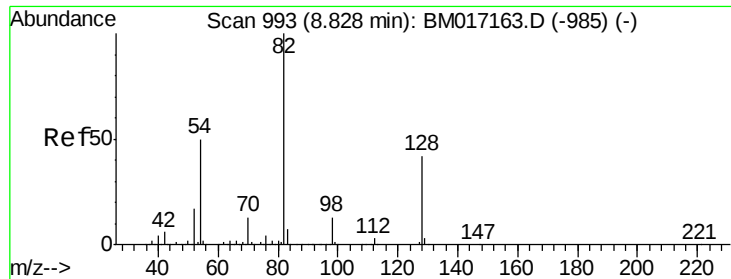
Lab File: BM017543.D

Acq: 07 Nov 2018 00:52

Tgt Ion: 136 Resp: 739959

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.9	6.7	10.1
68	5.5	4.7	7.1

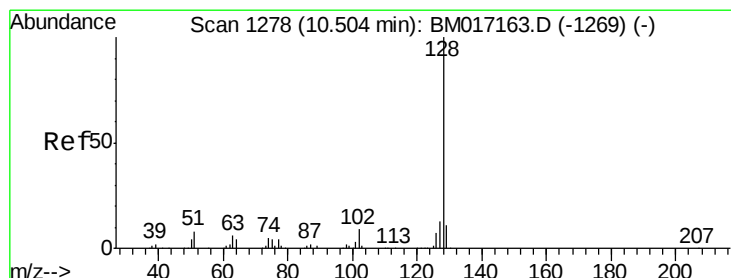
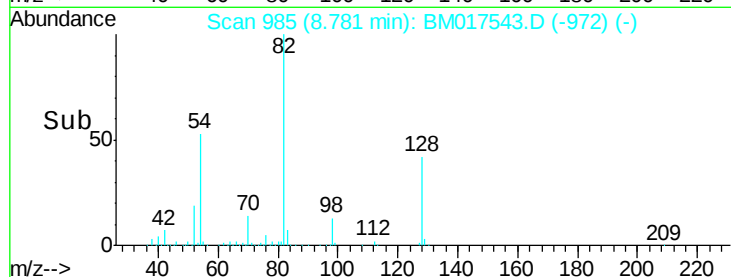
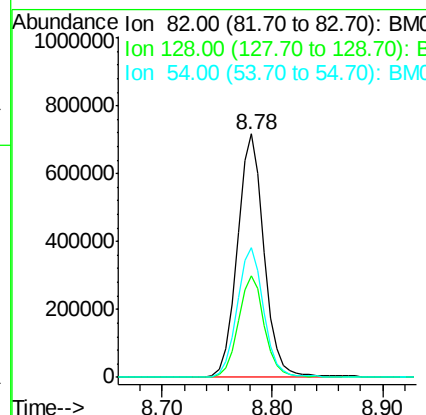
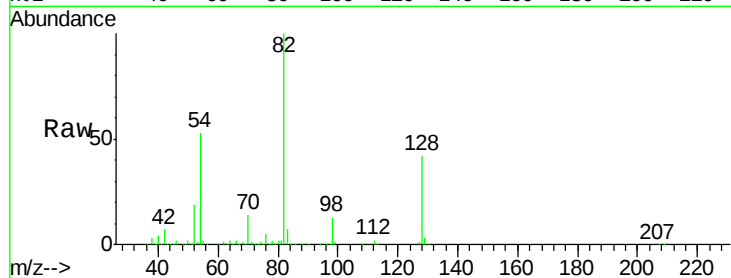




#23
 Nitrobenzene-d5
 Concen: 96.01 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BM017543.D
 Acq: 07 Nov 2018 00:52

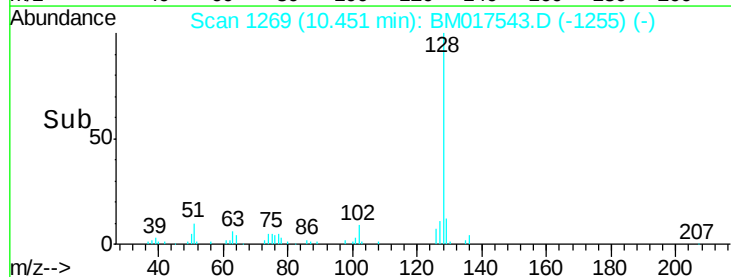
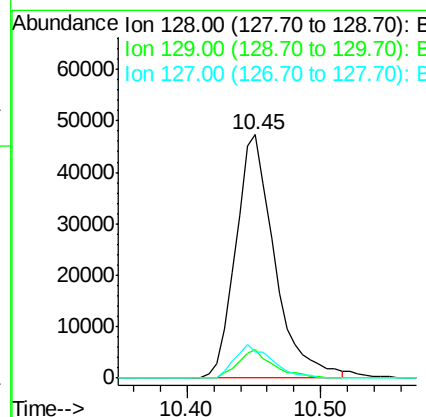
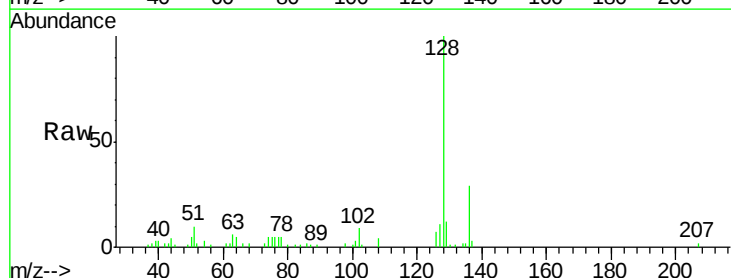
Instrument :
 BNA_M
 ClientSampled :

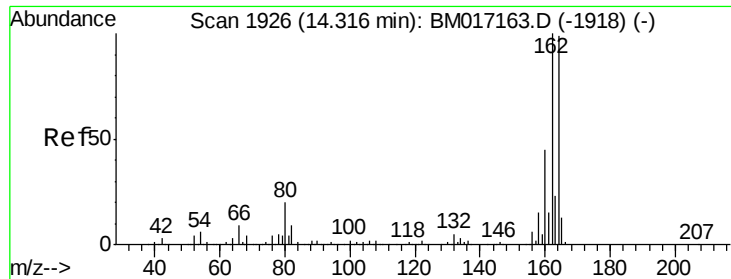
Tot Ion: 82 Resp: 1214695
 Ion Ratio Lower Upper
 82 100
 128 41.7 37.0 55.6
 54 53.3 40.7 61.1



#31
 Naphthalene
 Concen: 2.64 ng
 RT: 10.45 min Scan# 1269
 Delta R.T. -0.02 min
 Lab File: BM017543.D
 Acq: 07 Nov 2018 00:52

Tgt Ion: 128 Resp: 95765
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.5 12.7
 127 10.9 10.3 15.5

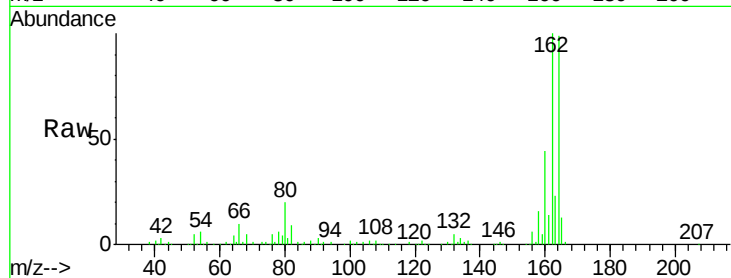




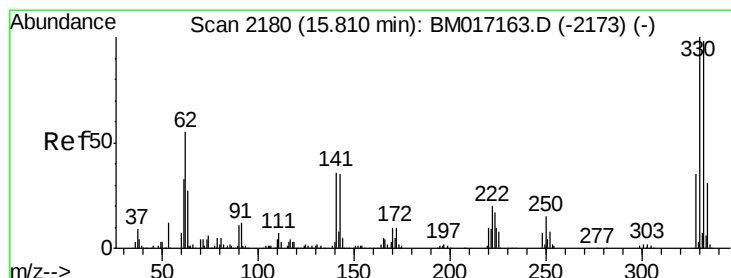
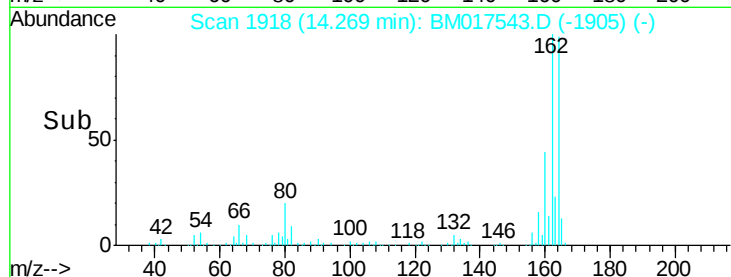
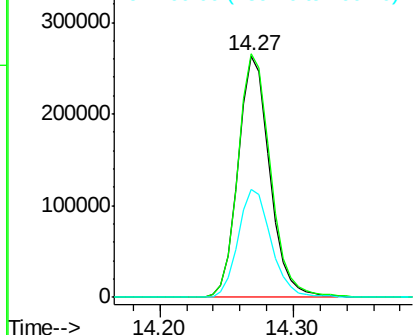
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.27 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM017543.D
Acq: 07 Nov 2018 00:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 430508
Ion Ratio Lower Upper
164 100
162 101.0 82.1 123.1
160 44.7 40.2 60.2

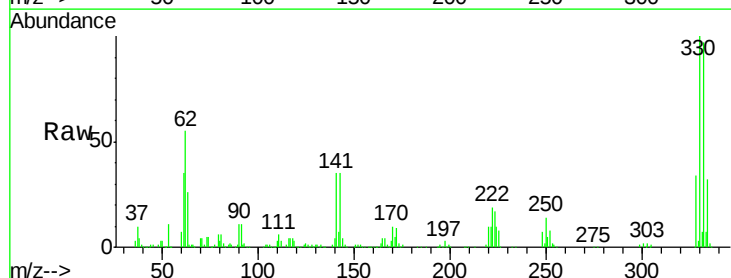


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

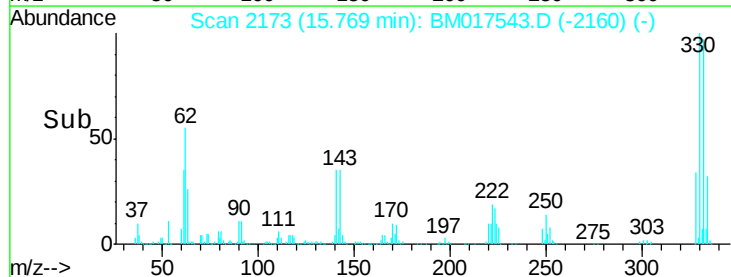
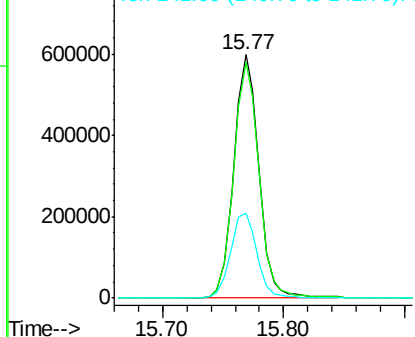


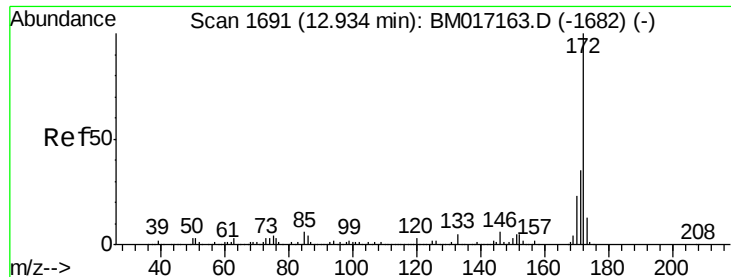
#42
2,4,6-Tribromophenol
Concen: 149.62 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BM017543.D
Acq: 07 Nov 2018 00:52

Tgt Ion:330 Resp: 871059
Ion Ratio Lower Upper
330 100
332 97.6 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

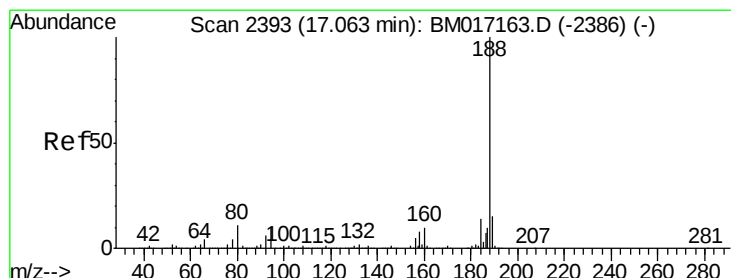
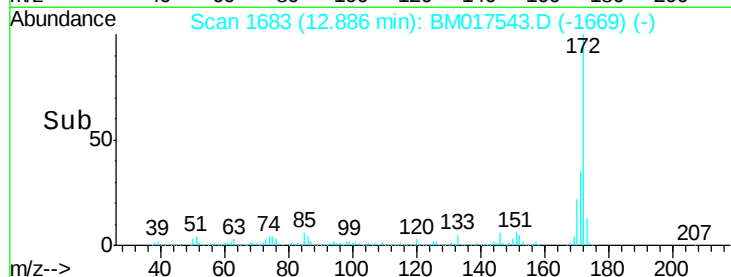
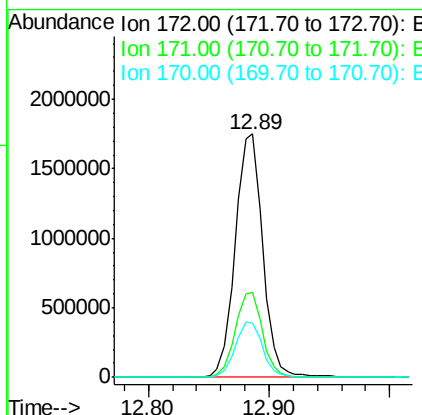
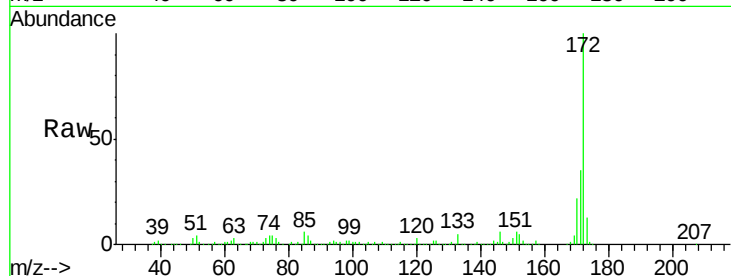




#45
2-Fluorobiphenyl
Concen: 85.97 ng
RT: 12.89 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BM017543.D
Acq: 07 Nov 2018 00:52

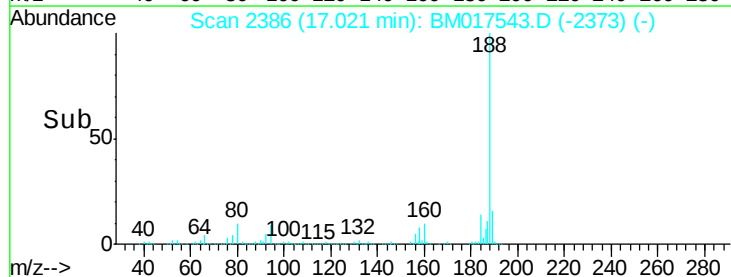
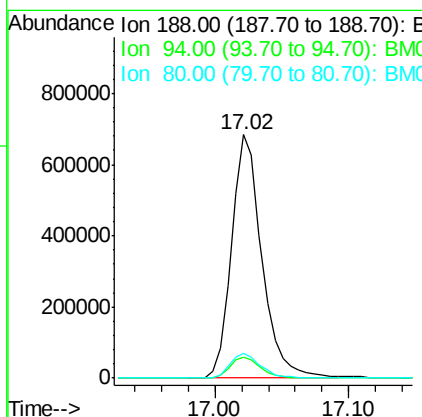
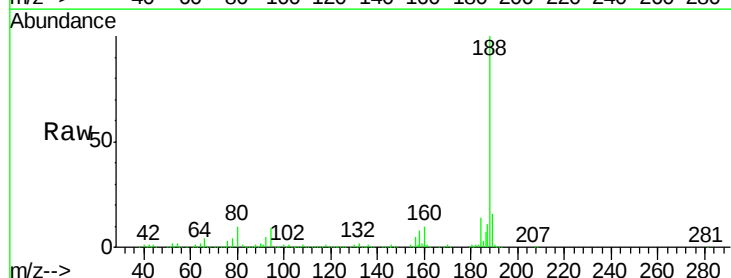
Instrument :
BNA_M
ClientSampleId :

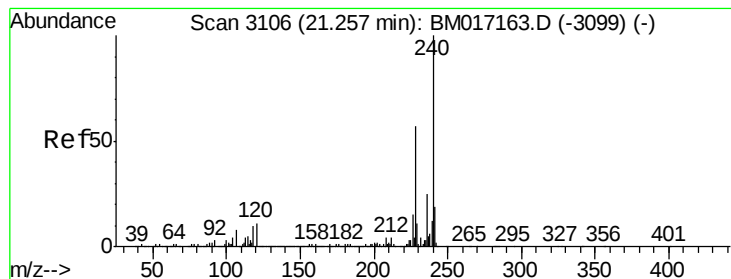
Tot Ion:172 Resp: 2781565
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.4 18.3 27.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM017543.D
Acq: 07 Nov 2018 00:52

Tgt Ion:188 Resp: 1083401
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 10.3 7.7 11.5





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.22 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM017543.D

Acq: 07 Nov 2018 00:52

Instrument :

BNA_M

ClientSampled :

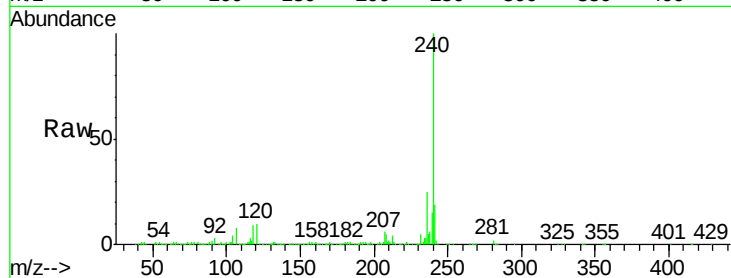
Tot Ion:240 Resp: 1416586

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

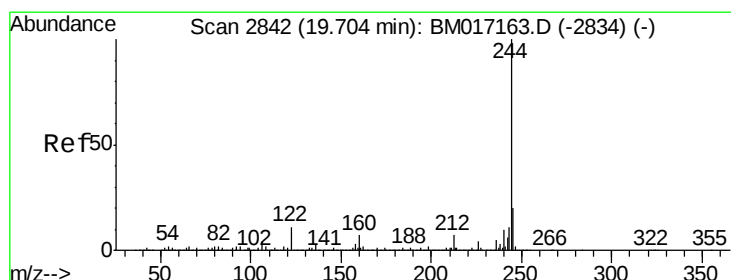
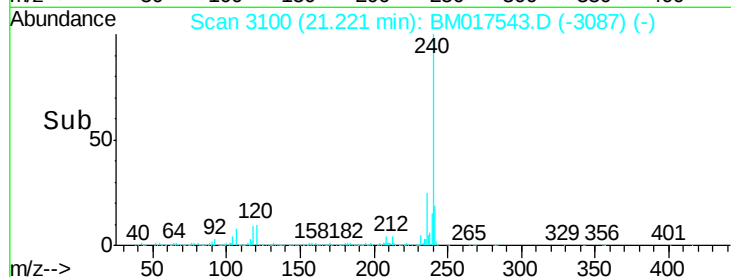
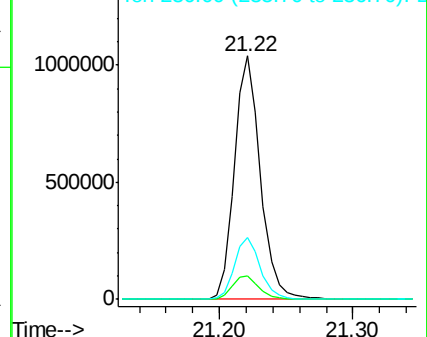
236 25.2 19.9 29.9



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: 90.36 ng

RT: 19.67 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM017543.D

Acq: 07 Nov 2018 00:52

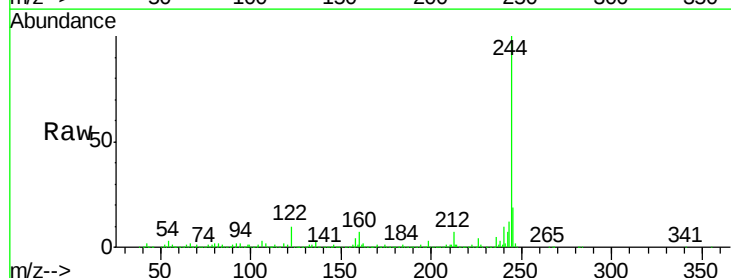
Tgt Ion:244 Resp: 5679197

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

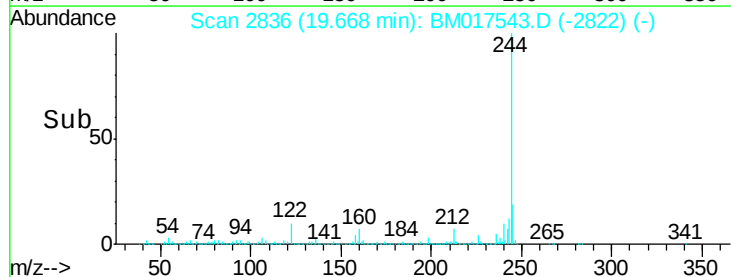
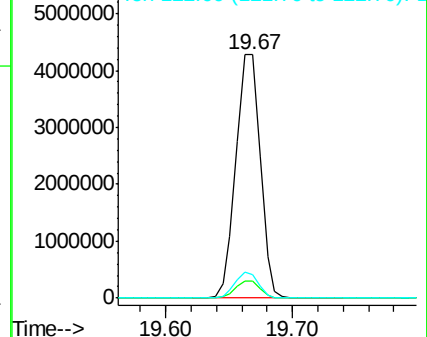
122 9.6 8.4 12.6

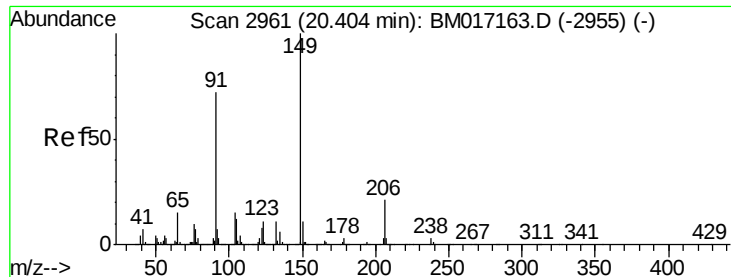


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

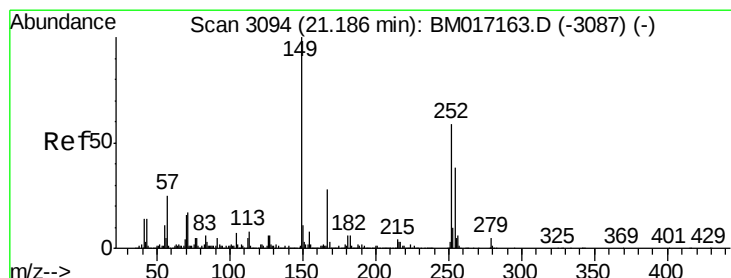
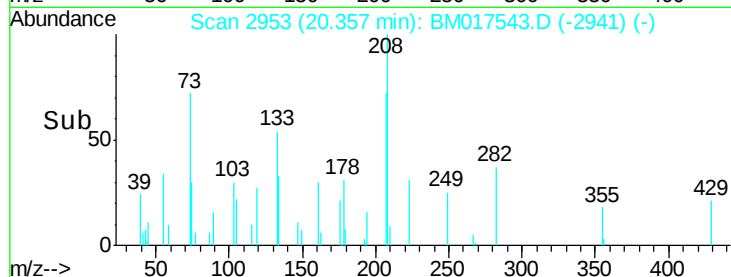
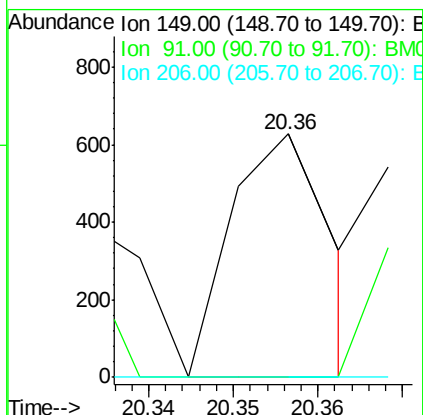
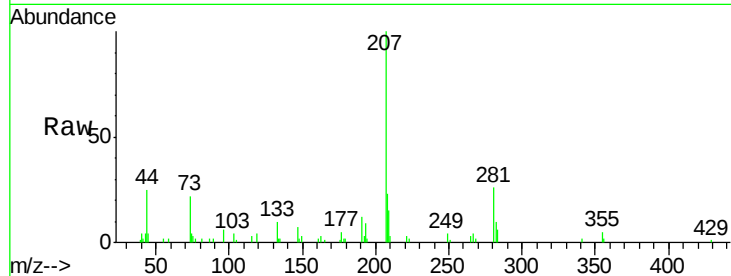




#80
 Butylbenzylphthalate
 Concen: 7.19 ng
 RT: 20.36 min Scan# 2953
 Delta R.T. -0.03 min
 Lab File: BM017543.D
 Acq: 07 Nov 2018 00:52

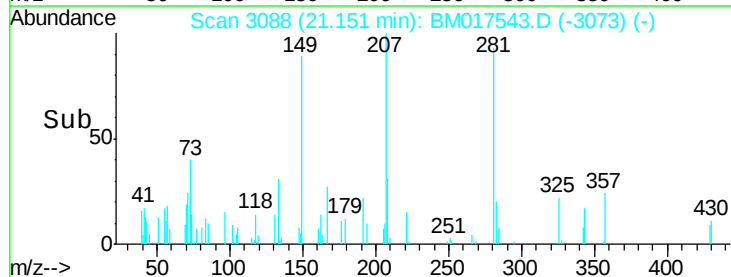
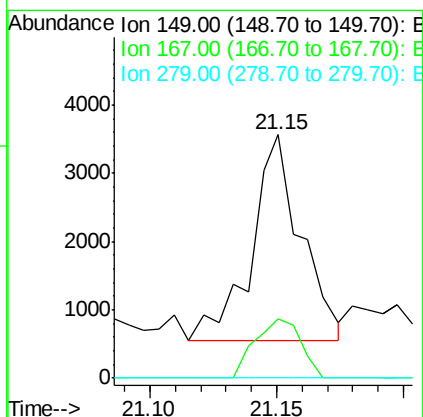
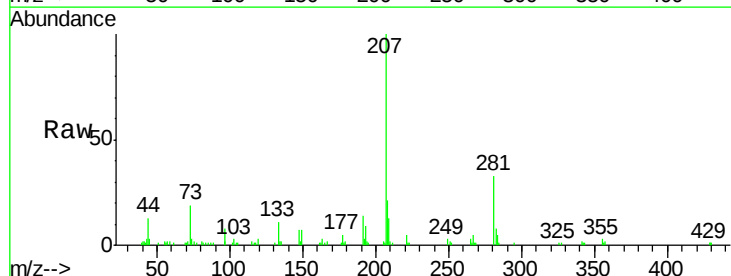
Instrument :
 BNA_M
 ClientSampled :

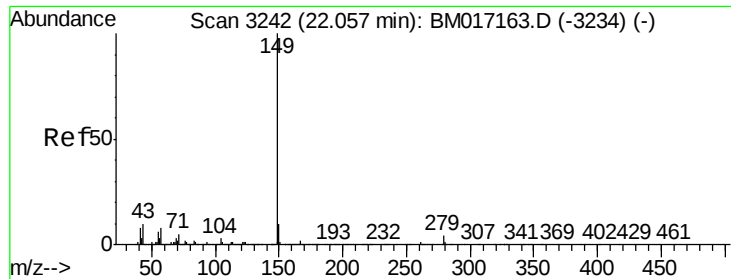
Tot Ion:149 Resp: 511
 Ion Ratio Lower Upper
 149 100
 91 0.0 51.3 76.9#
 206 0.0 18.0 27.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.39 ng
 RT: 21.15 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM017543.D
 Acq: 07 Nov 2018 00:52

Tgt Ion:149 Resp: 4118
 Ion Ratio Lower Upper
 149 100
 167 24.5 22.2 33.4
 279 0.0 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 5.58 ng

RT: 22.00 min Scan# 3232

Delta R.T. -0.04 min

Lab File: BM017543.D

Acq: 07 Nov 2018 00:52

Instrument :

BNA_M

ClientSampleId :

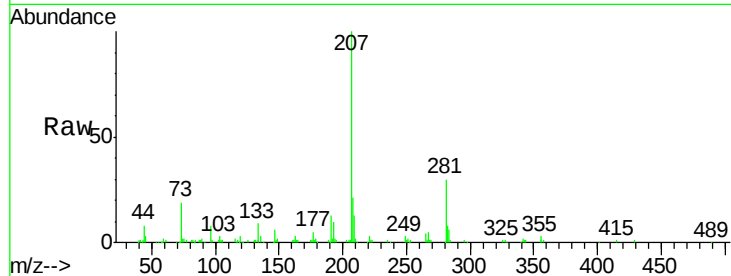
Tot Ion:149 Resp: 521

Ion Ratio Lower Upper

149 100

167 22.3 1.4 2.0#

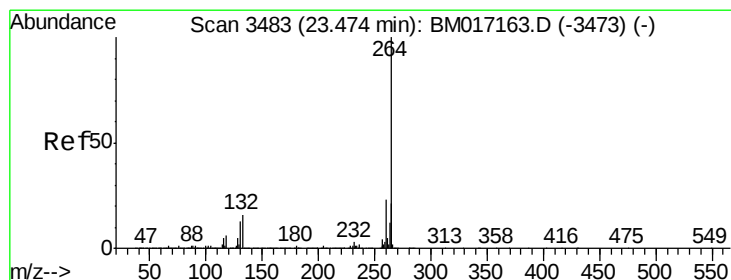
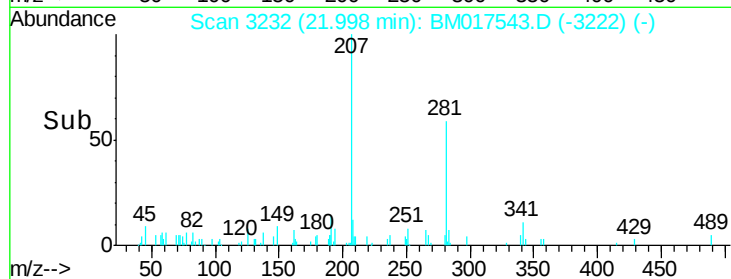
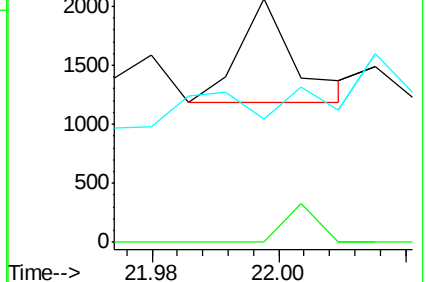
43 44.5 7.2 10.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#87

Perylene-d12

Concen: 20.00 ng

RT: 23.42 min Scan# 3473

Delta R.T. -0.04 min

Lab File: BM017543.D

Acq: 07 Nov 2018 00:52

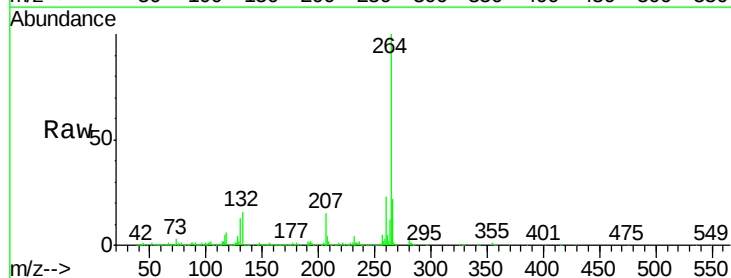
Tgt Ion:264 Resp: 1543002

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 22.0 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

