

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 :
 TP3-B

Quant Time: Nov 07 09:07:55 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

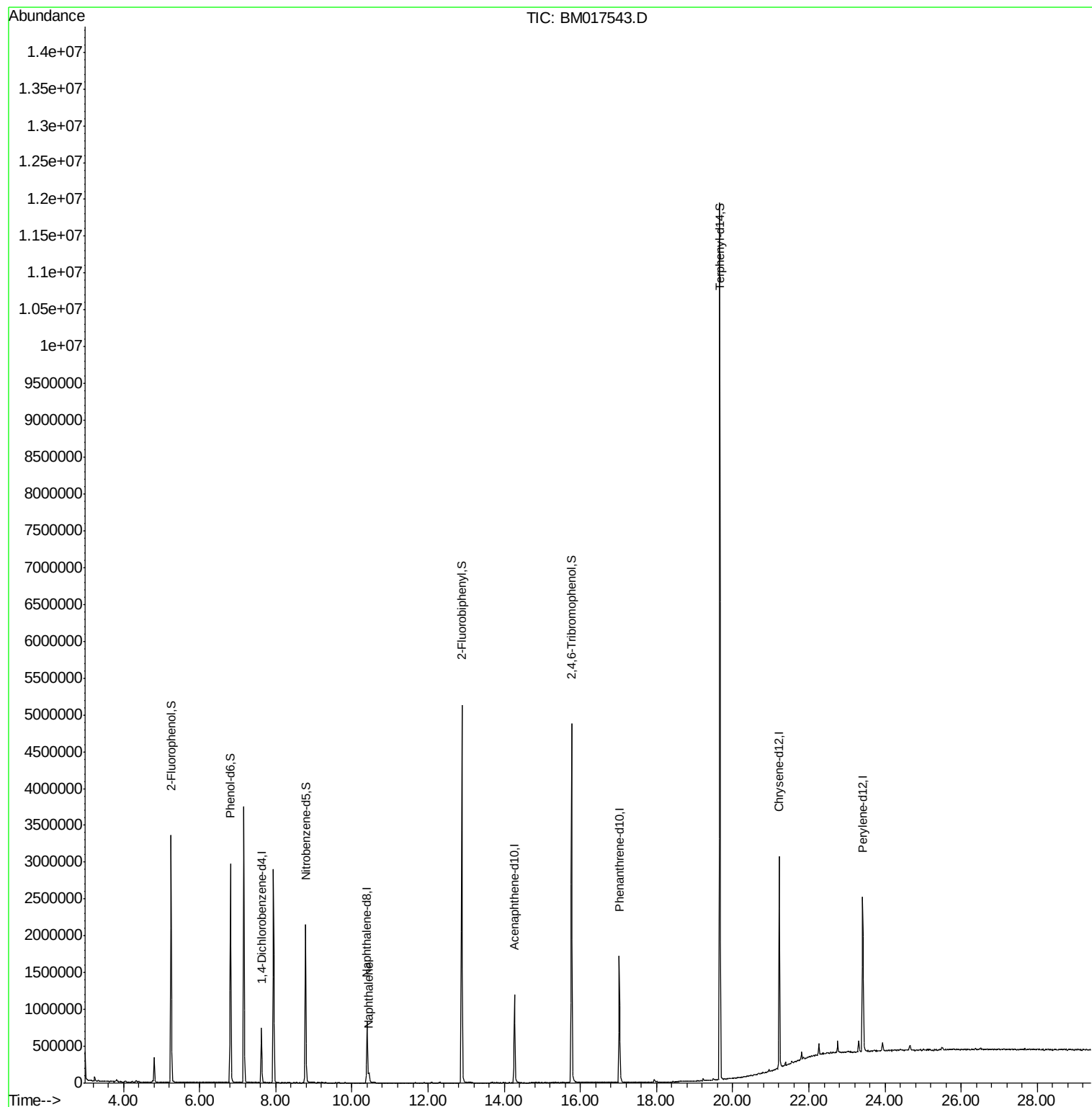
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	198045	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	739959	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	430508	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1083401	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1416586	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	2.641	ng	Qvalue 96

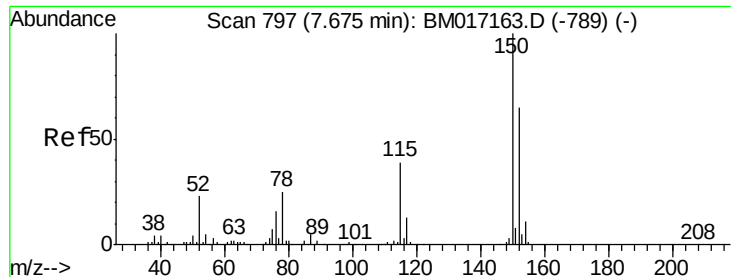
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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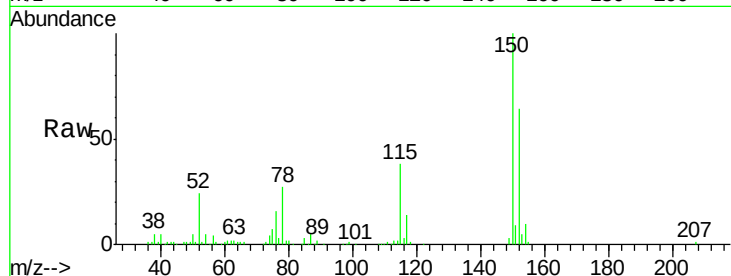


#1

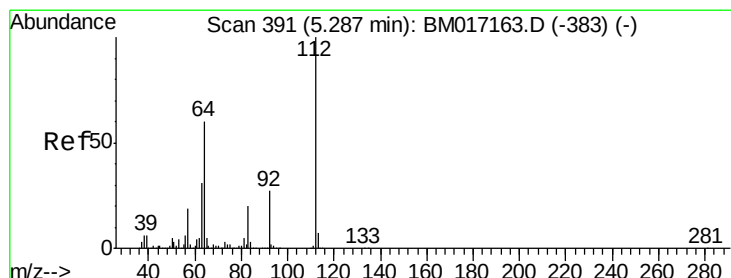
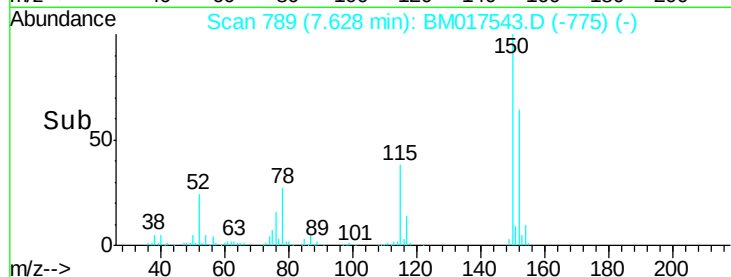
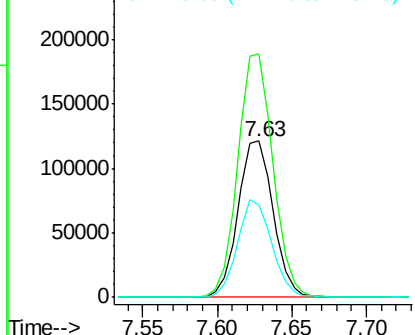
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017543.D
Acq: 07 Nov 2018 00:52

Instrument :
BNA_M
ClientSampled :
TP3-B

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



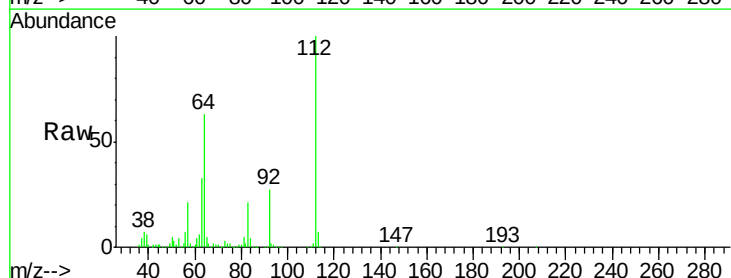
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



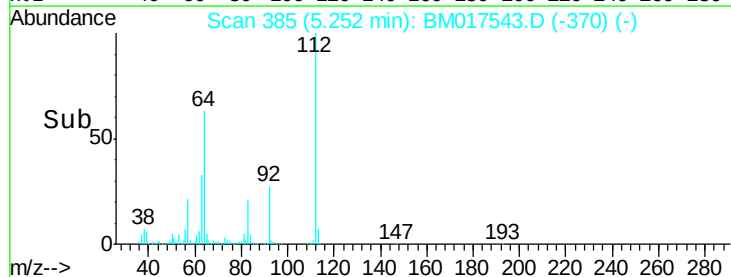
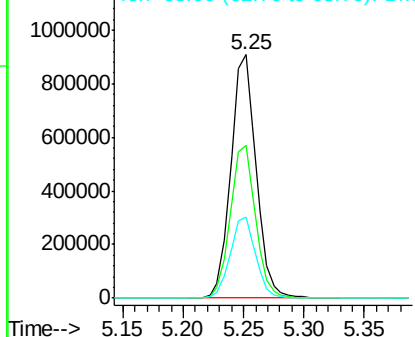
#5

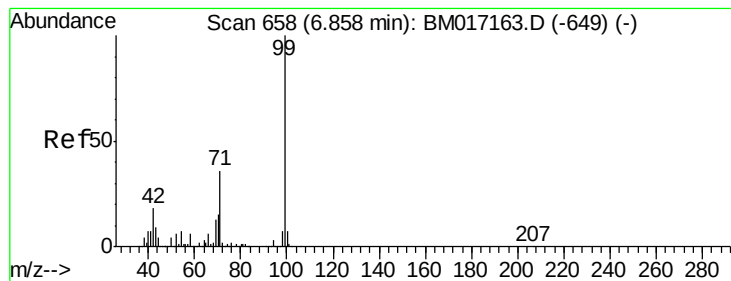
2-Fluorophenol
Concen: 113.538 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017543.D
Acq: 07 Nov 2018 00:52

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: 98.193 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 :

TP3-B

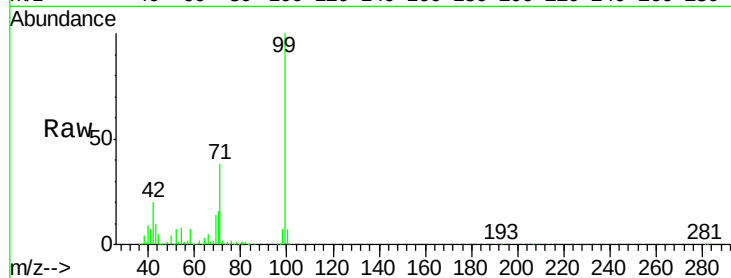
Tgt Ion: 99 Resp: 1565939

Ion Ratio Lower Upper

99 100

42 20.3 13.3 19.9#

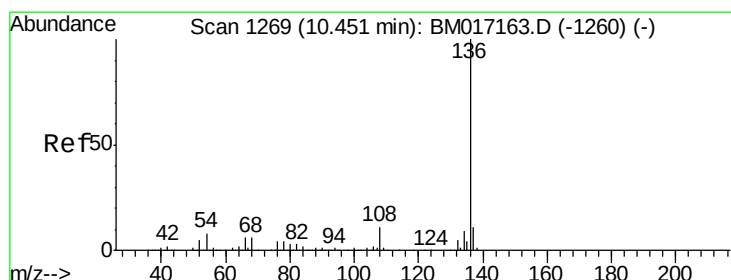
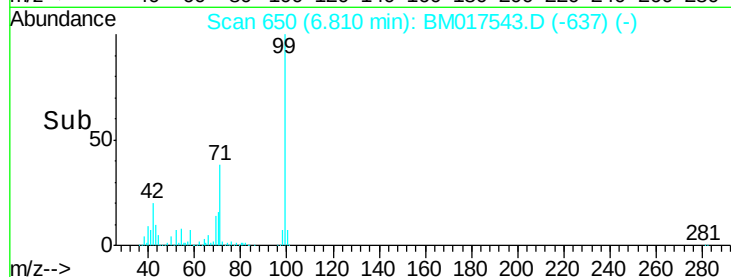
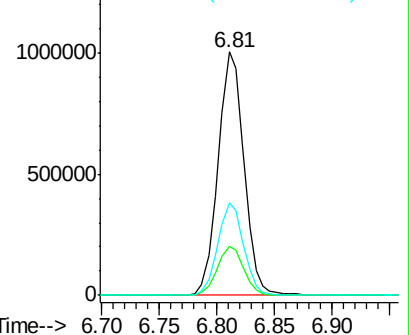
71 38.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017543.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM017543.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM017543.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 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

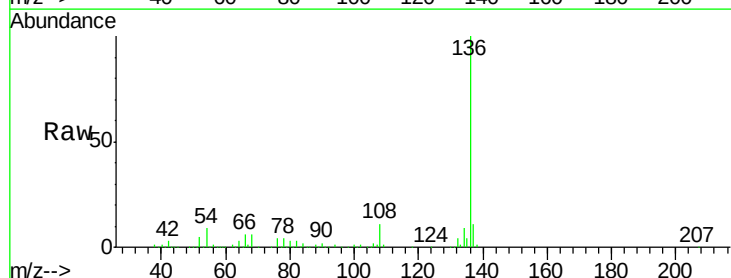
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 8.9 6.7 10.1

68 5.5 4.7 7.1

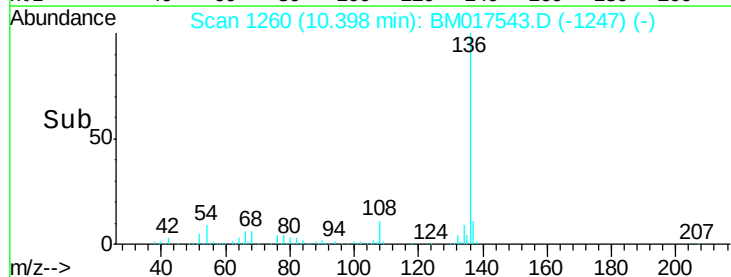
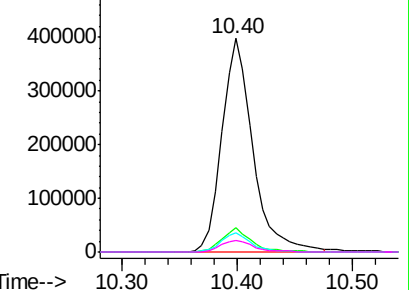


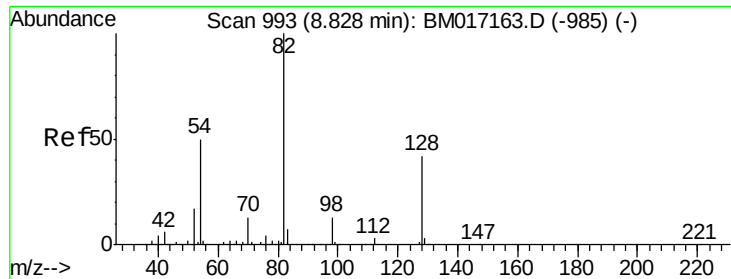
Abundance Ion 136.00 (135.70 to 136.70): BM017543.D (-1247) (-)

Ion 137.00 (136.70 to 137.70): BM017543.D (-1247) (-)

Ion 54.00 (53.70 to 54.70): BM017543.D (-1247) (-)

Ion 68.00 (67.70 to 68.70): BM017543.D (-1247) (-)

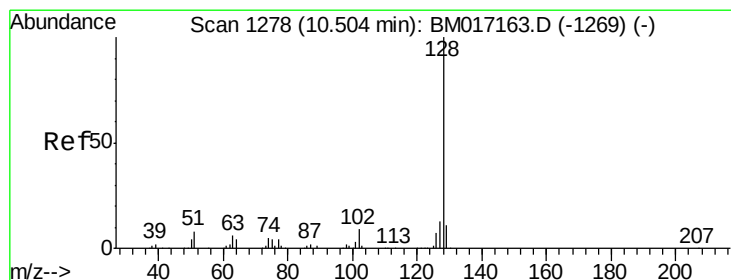
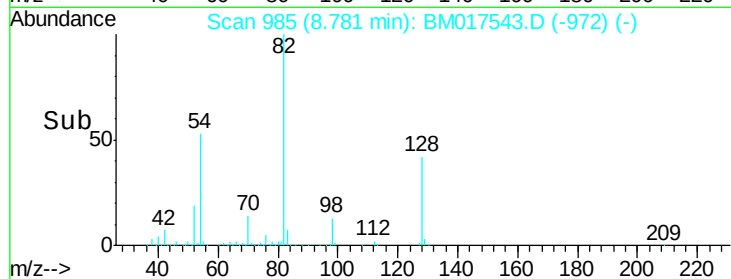
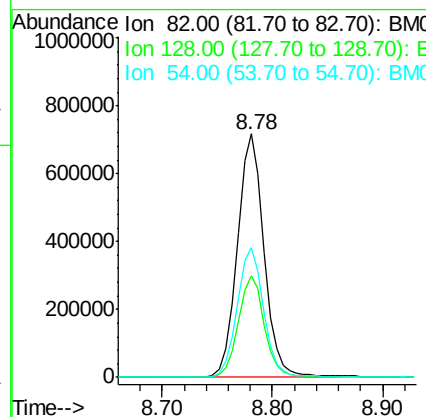
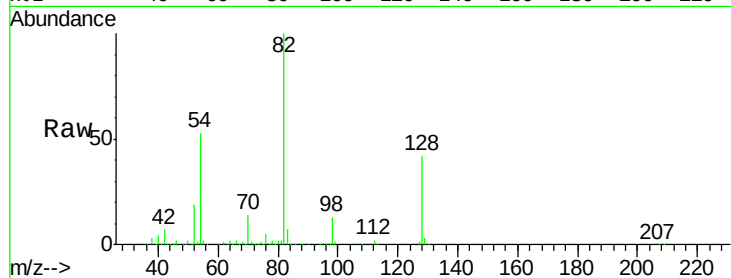


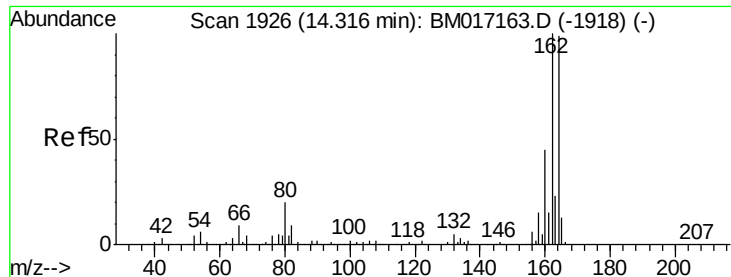


#23
 Nitrobenzene-d5
 Concen: 96.008 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BM017543.D
 Acq: 07 Nov 2018 00:52

Instrument :
 BNA_M
 ClientSampleId :
 TP3-B

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

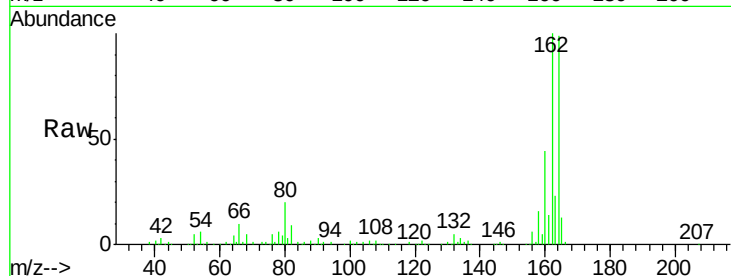




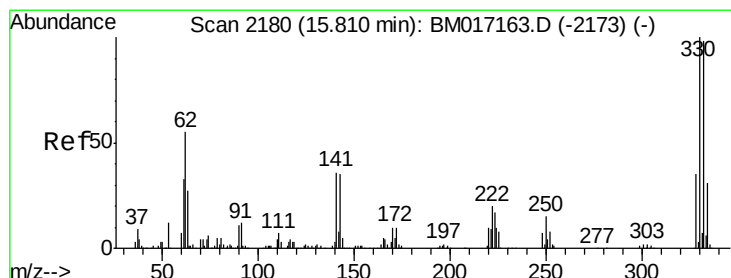
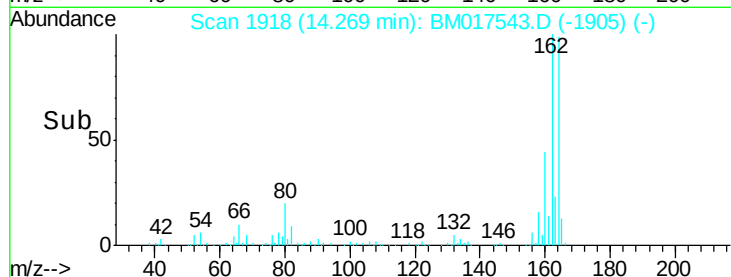
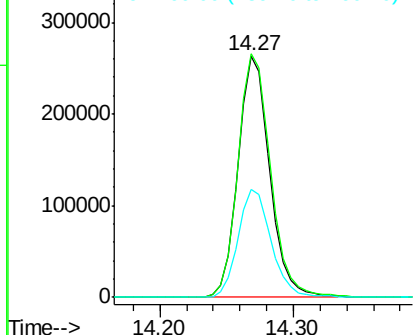
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.27 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM017543.D
Acq: 07 Nov 2018 00:52

Instrument :
BNA_M
ClientSampleId :
TP3-B

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

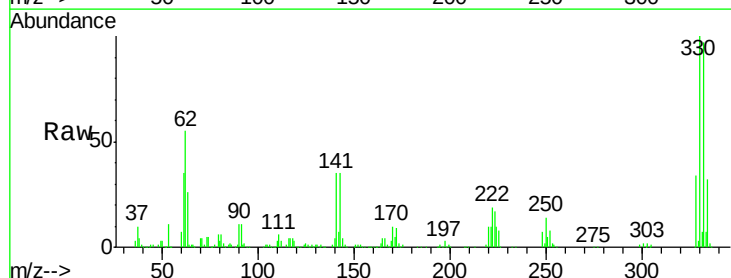


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

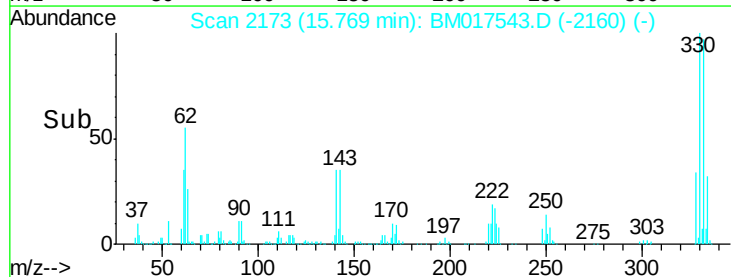
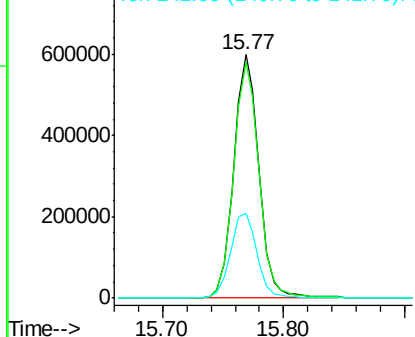


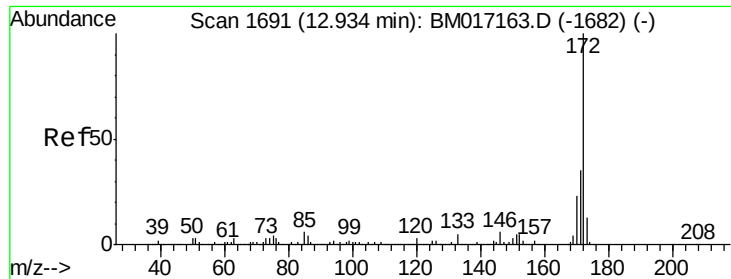
#42
2,4,6-Tribromophenol
Concen: 149.615 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BM017543.D
Acq: 07 Nov 2018 00:52

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

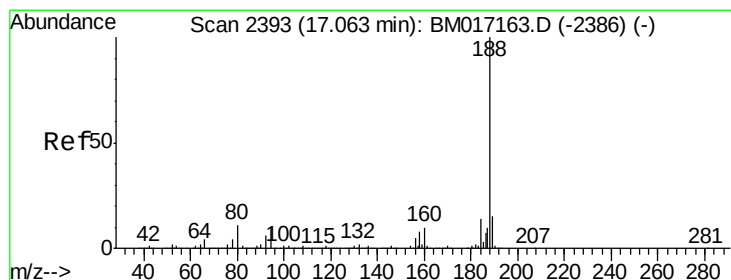
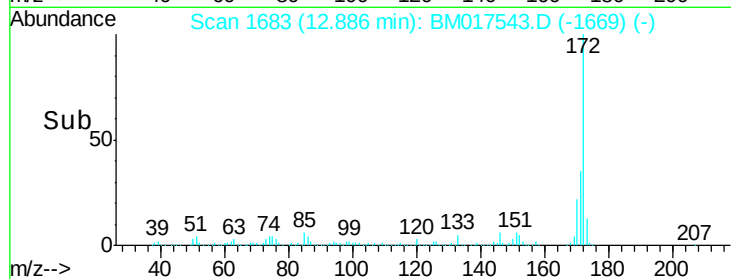
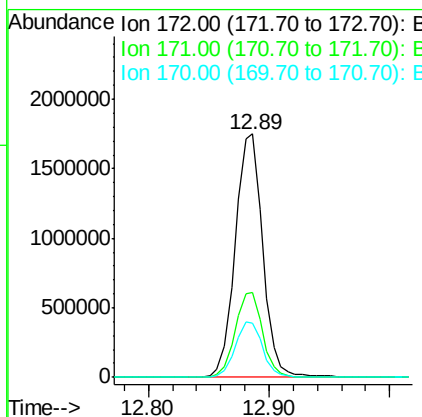
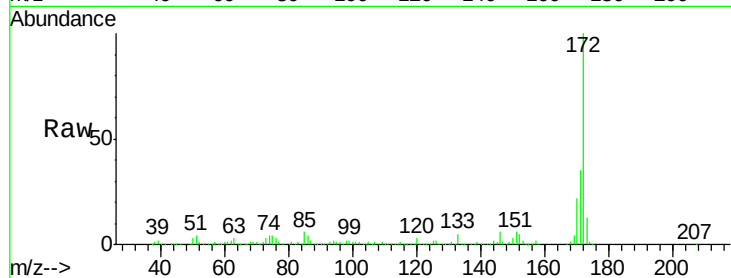




#45
2-Fluorobiphenyl
Concen: 85.968 ng
RT: 12.89 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BM017543.D
Acq: 07 Nov 2018 00:52

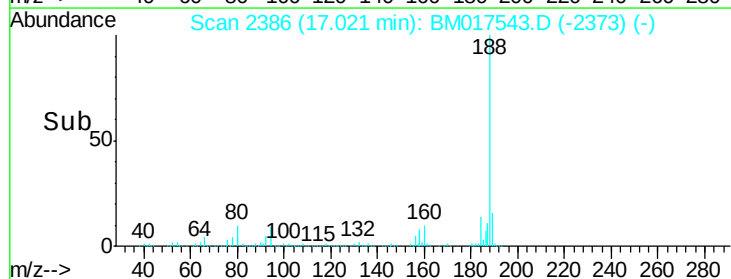
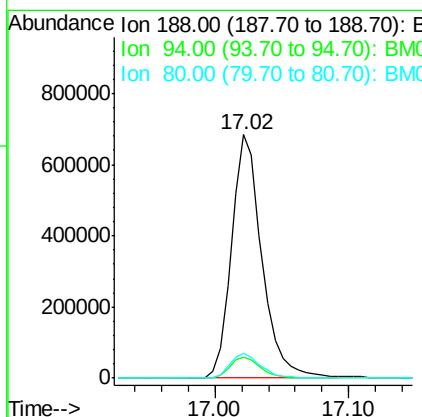
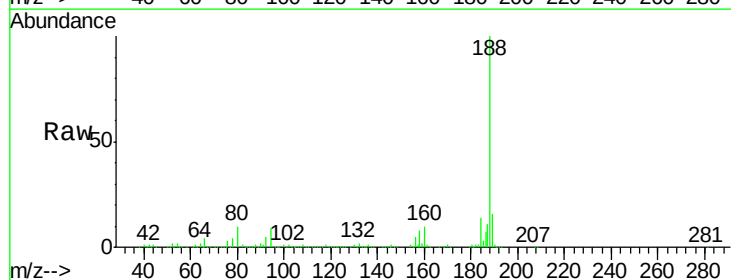
Instrument :
BNA_M
ClientSampleId :
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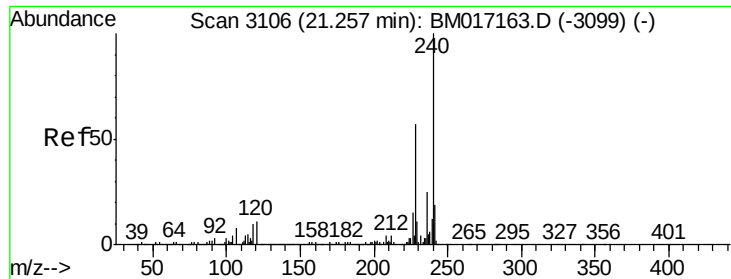
Tgt Ion:172 Resp: 2781565
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.4 18.3 27.5



#64
Phenanthrene-d10
Concen: 20.000 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

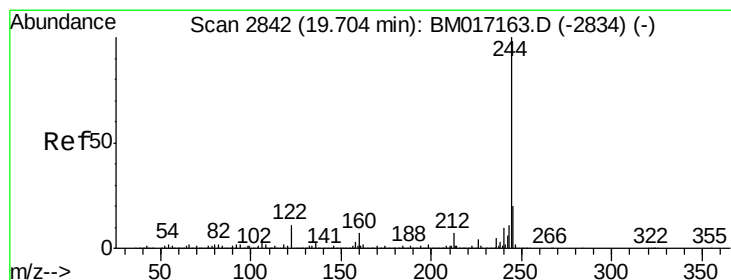
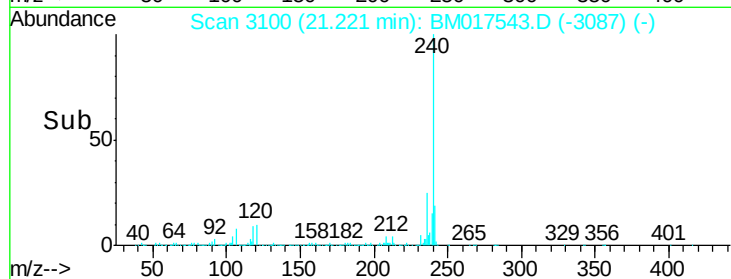
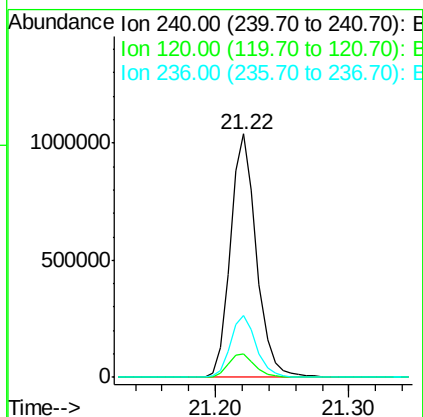
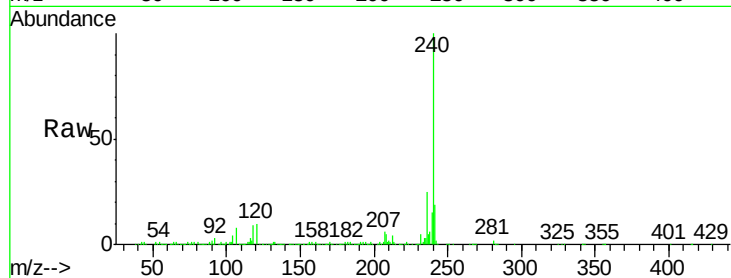




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM017543.D
Acq: 07 Nov 2018 00:52

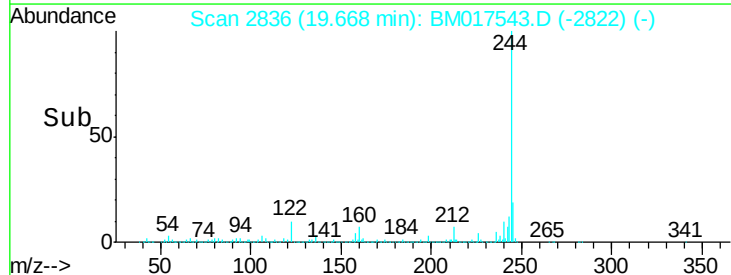
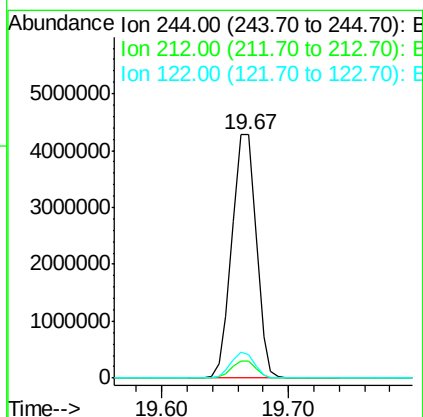
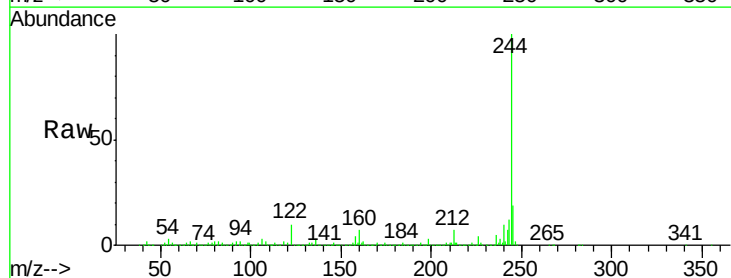
Instrument :
BNA_M
ClientSampled :
TP3-B

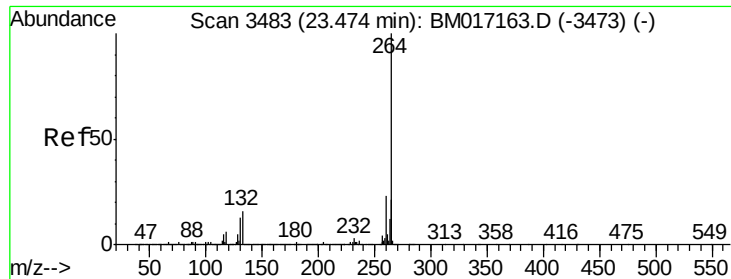
Tgt Ion:240 Resp: 1416586
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 25.2 19.9 29.9



#79
Terphenyl-d14
Concen: 90.365 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





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3473
Delta R.T. -0.04 min
Lab File: BM017543.D
Acq: 07 Nov 2018 00:52

Instrument :
BNA_M
ClientSampleId :
TP3-B

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

