

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110718\
 Data File : BM017545.D
 Acq On : 07 Nov 2018 02:04
 Operator : MJ/SJ
 Sample : J5816-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-4A-S

Quant Time: Nov 07 09:09:03 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	225882	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	843226	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	501778	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1286163	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1617495	20.00	ng	-0.02
87) Perylene-d12	23.41	264	1724464	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1285712	96.27	ng	-0.01
7) Phenol-d6	6.81	99	1505918	82.79	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1165820	80.86	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	848739	125.08	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	2713320	71.95	ng	-0.02
79) Terphenyl-d14	19.67	244	5555872	77.42	ng	-0.02

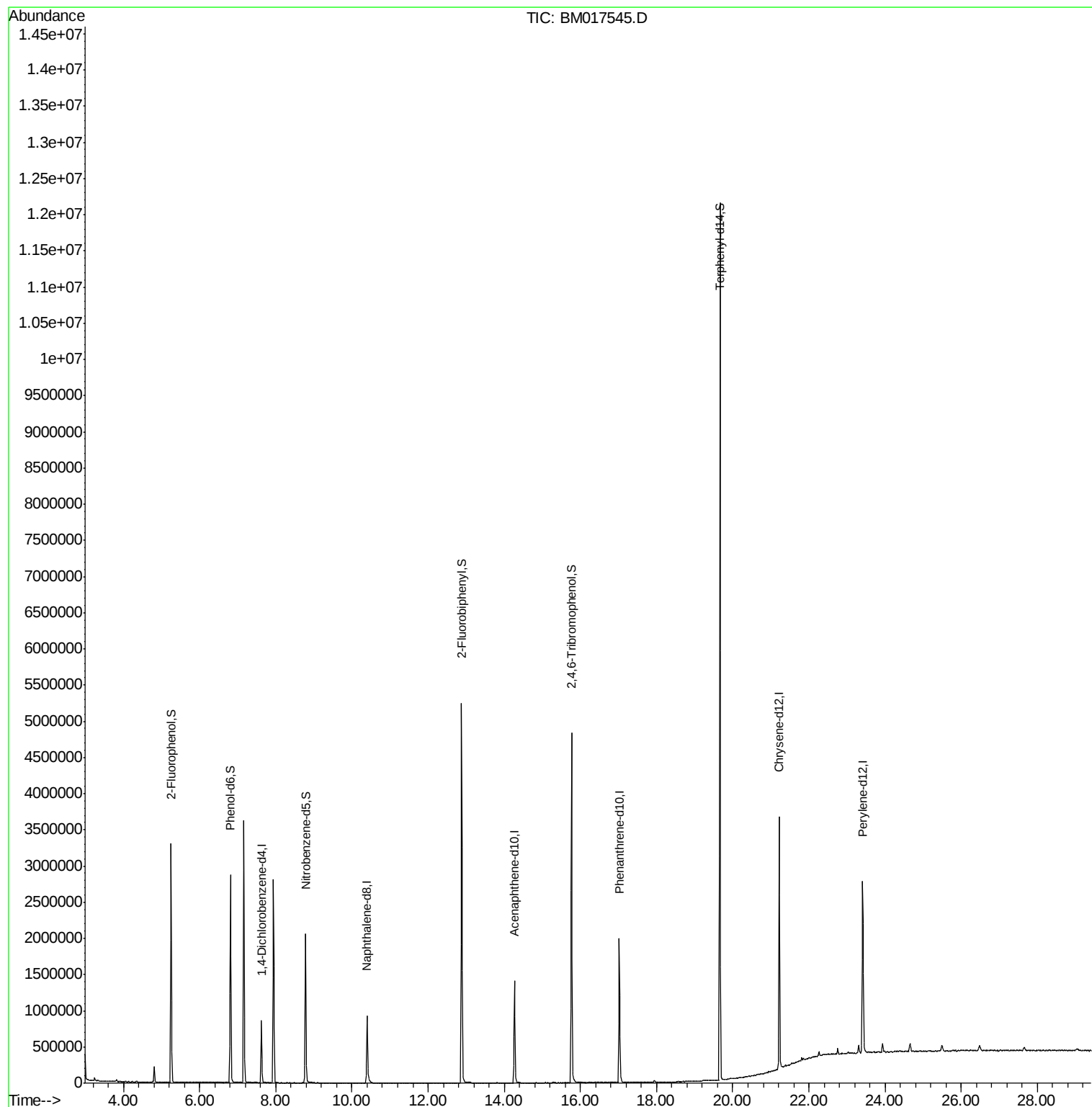
Target Compounds	Qvalue
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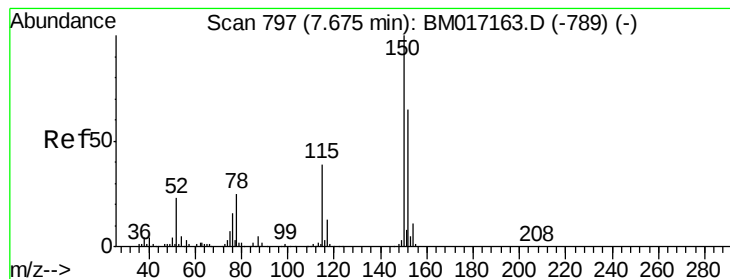
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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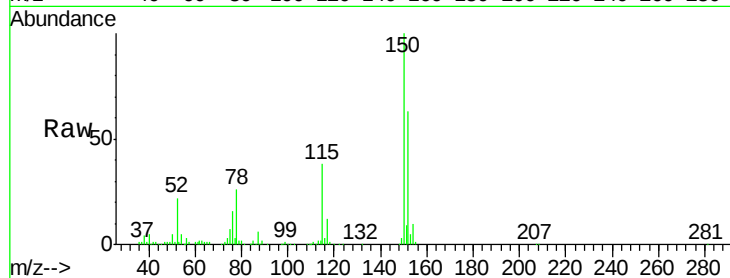


#1

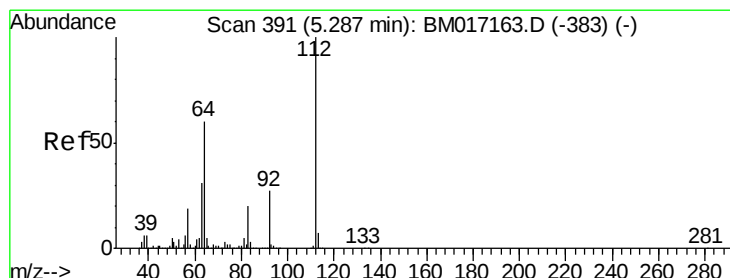
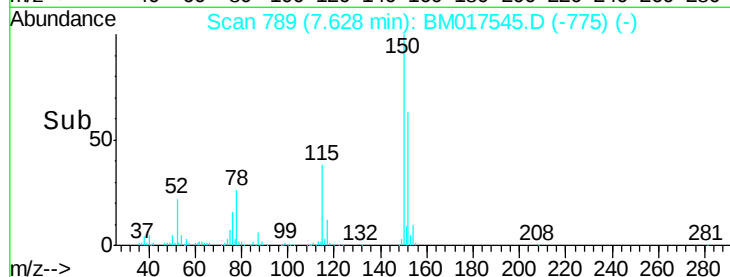
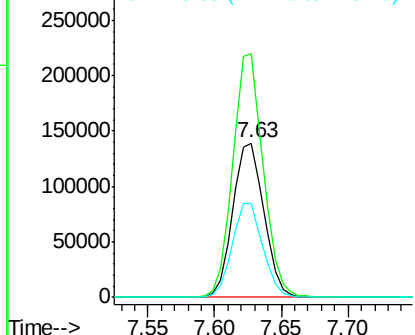
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017545.D
Acq: 07 Nov 2018 02:04

Instrument :
BNA_M
ClientSampleId :
TP-4A-S

Tgt Ion:152 Resp: 225882
Ion Ratio Lower Upper
152 100
150 157.6 124.3 186.5
115 60.5 48.1 72.1



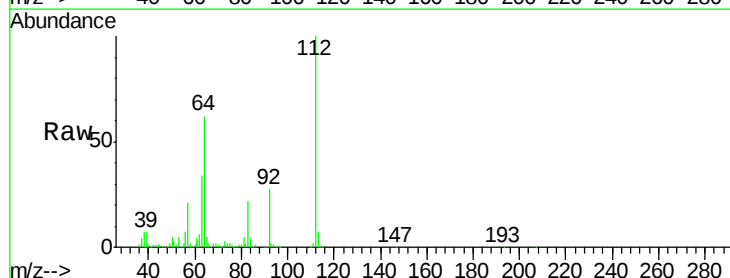
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



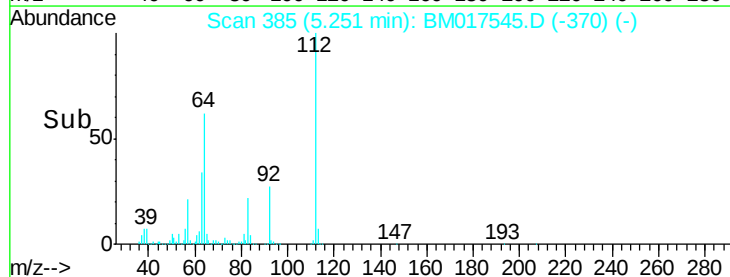
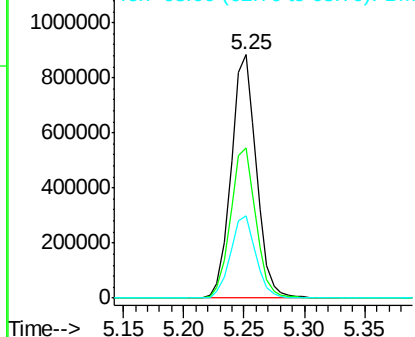
#5

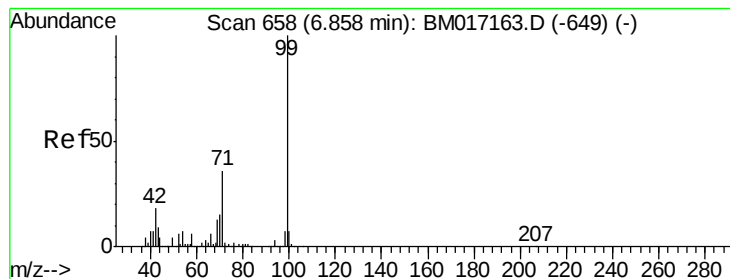
2-Fluorophenol
Concen: 96.270 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017545.D
Acq: 07 Nov 2018 02:04

Tgt Ion:112 Resp: 1285712
Ion Ratio Lower Upper
112 100
64 61.9 41.7 62.5
63 33.9 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: 82.792 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017545.D

Acq: 07 Nov 2018 02:04

Instrument :

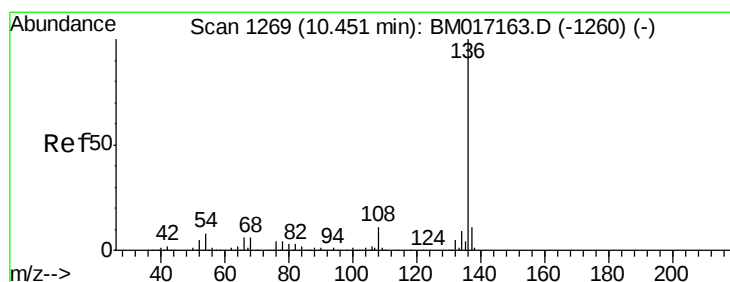
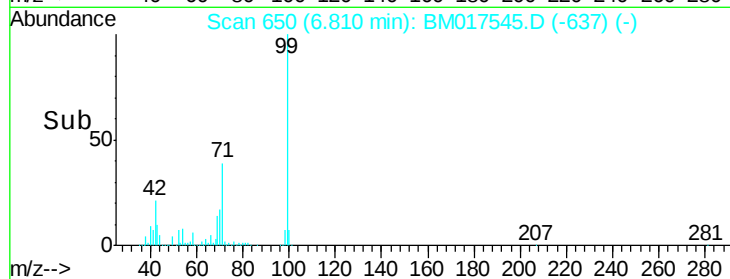
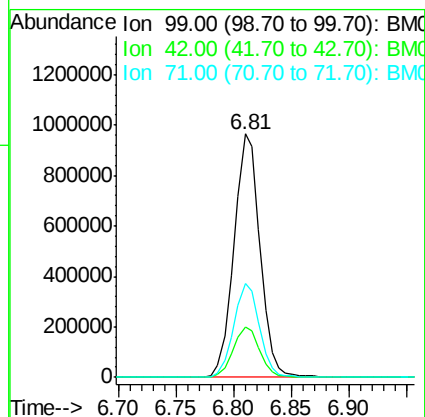
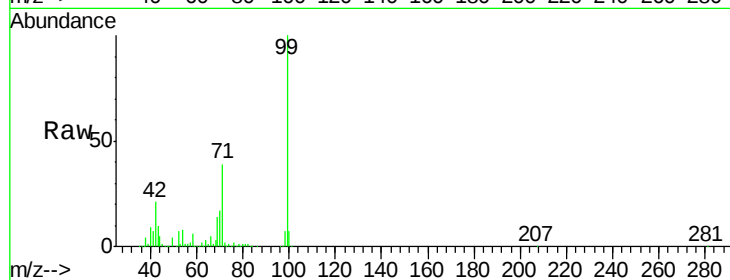
BNA_M

ClientSampleId :

TP-4A-S

Tgt Ion: 99 Resp: 1505918

Ion	Ratio	Lower	Upper
99	100		
42	20.7	13.3	19.9#
71	38.6	28.0	42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

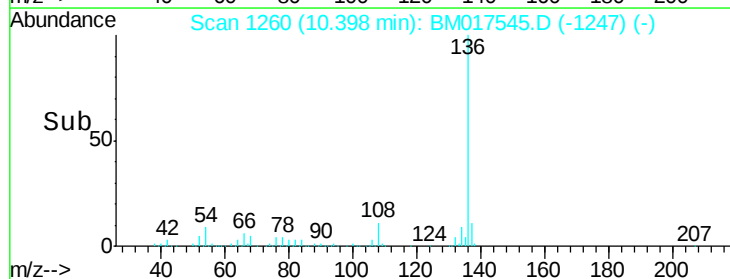
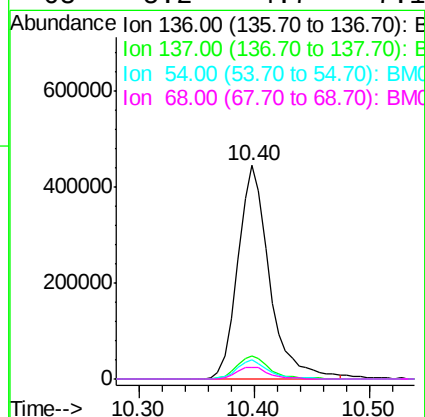
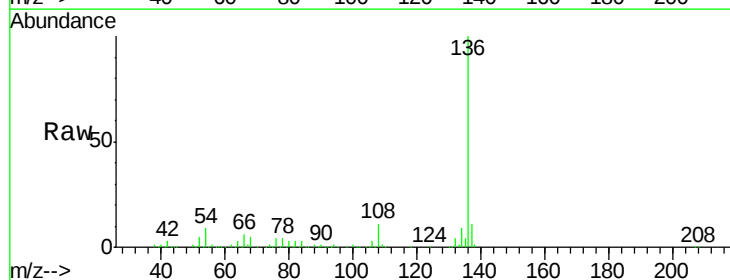
Delta R.T. -0.02 min

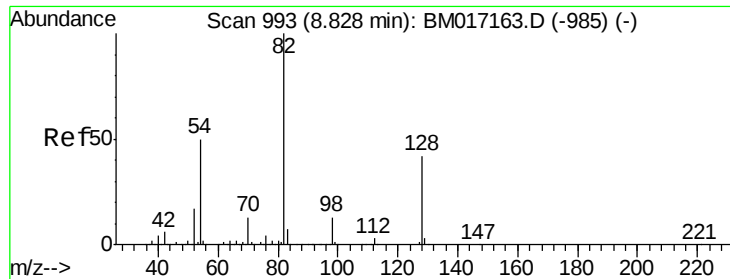
Lab File: BM017545.D

Acq: 07 Nov 2018 02:04

Tgt Ion: 136 Resp: 843226

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.7	6.7	10.1
68	5.2	4.7	7.1

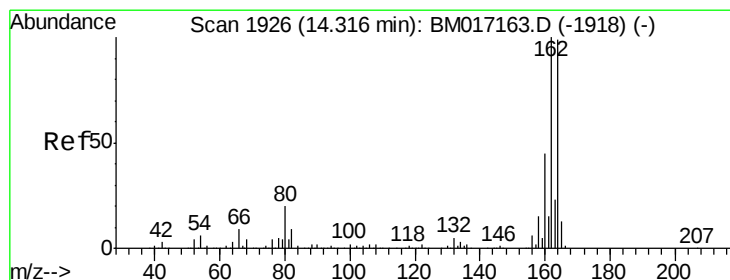
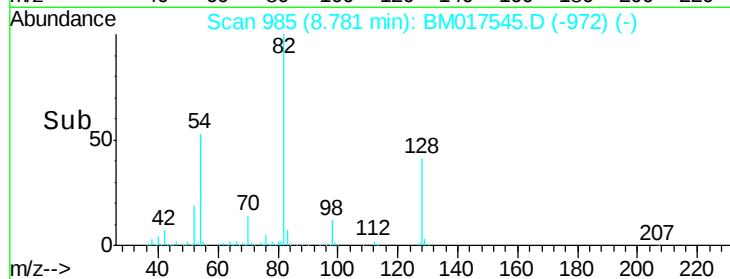
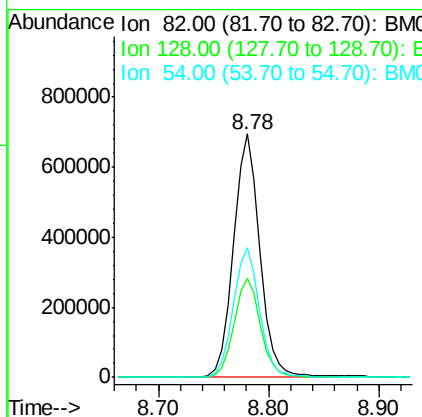
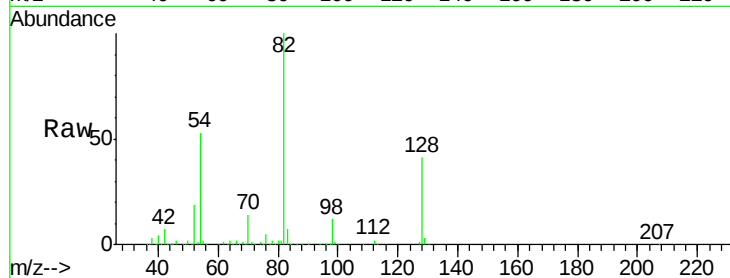




#23
 Nitrobenzene-d5
 Concen: 80.861 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BM017545.D
 Acq: 07 Nov 2018 02:04

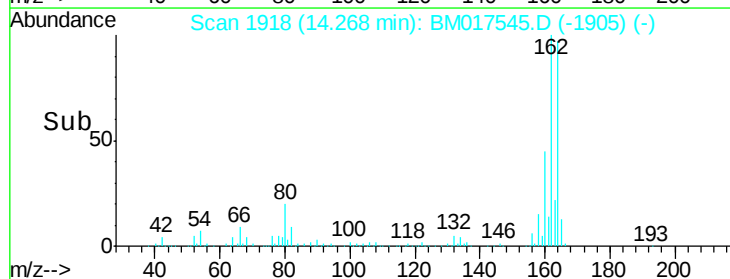
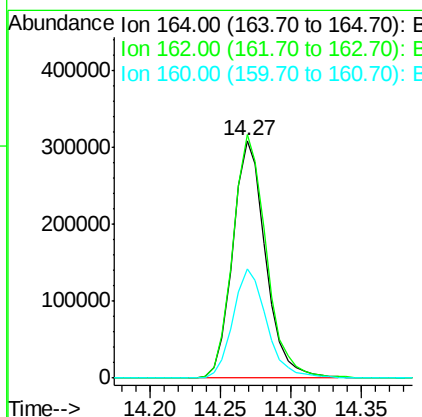
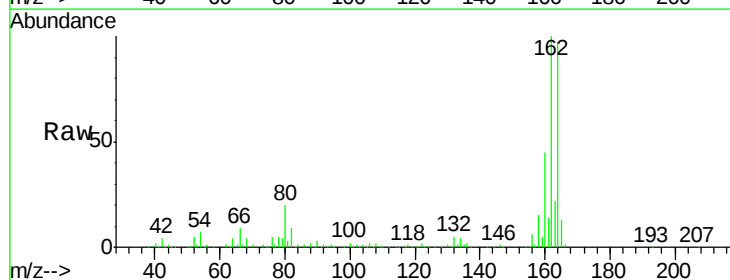
Instrument :
 BNA_M
 ClientSampleId :
 TP-4A-S

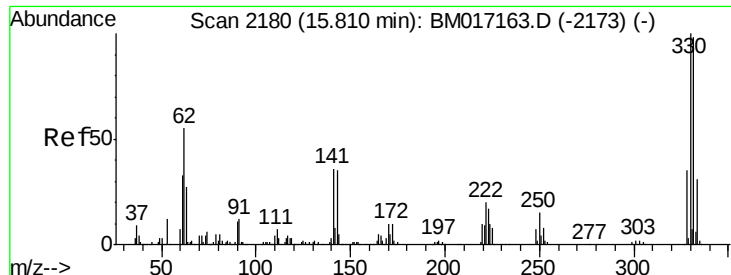
Tgt Ion: 82 Resp: 1165820
 Ion Ratio Lower Upper
 82 100
 128 40.8 37.0 55.6
 54 53.0 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.27 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BM017545.D
 Acq: 07 Nov 2018 02:04

Tgt Ion: 164 Resp: 501778
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.1 123.1
 160 45.9 40.2 60.2

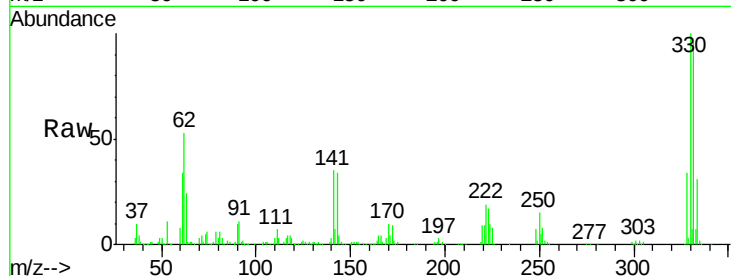




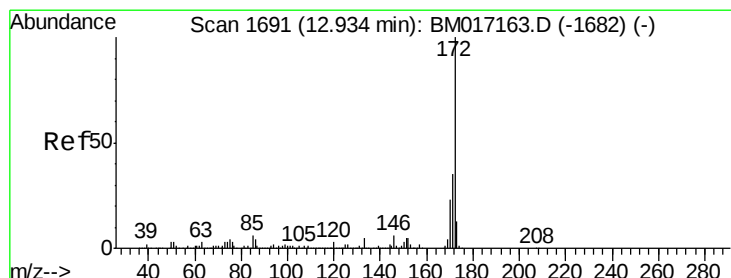
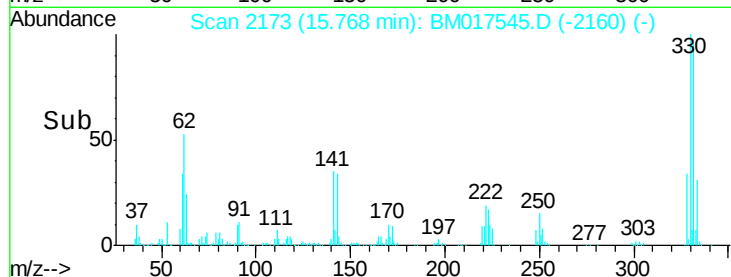
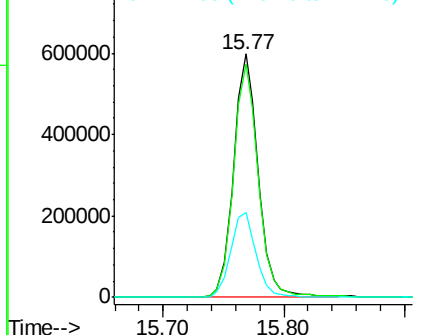
#42
 2,4,6-Tribromophenol
 Concen: 125.076 ng
 RT: 15.77 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM017545.D
 Acq: 07 Nov 2018 02:04

Instrument :
 BNA_M
 ClientSampleId :
 TP-4A-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	36.1	27.4	41.0

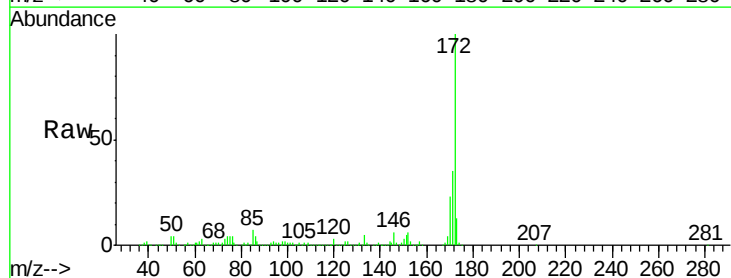


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

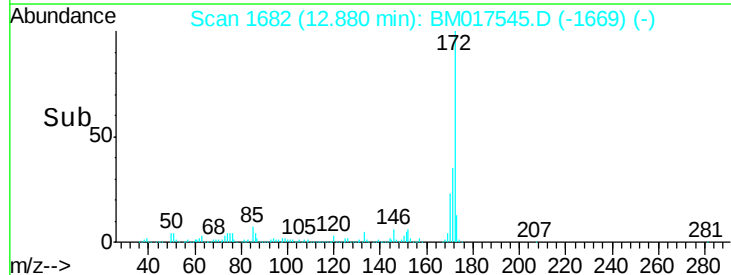
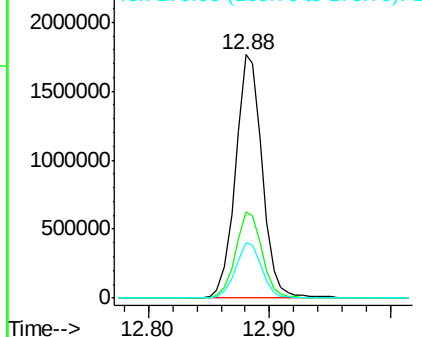


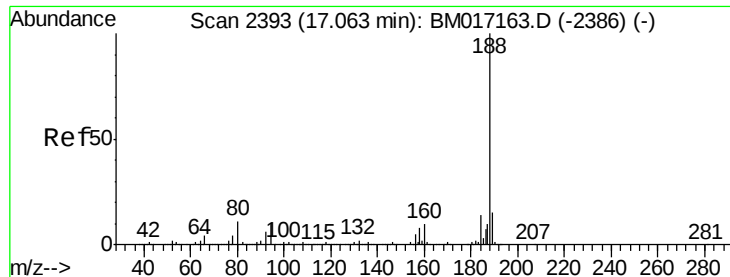
#45
 2-Fluorobiphenyl
 Concen: 71.948 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BM017545.D
 Acq: 07 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	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: 20.000 ng

RT: 17.02 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BM017545.D

Acq: 07 Nov 2018 02:04

Instrument :

BNA_M

ClientSampleId :

TP-4A-S

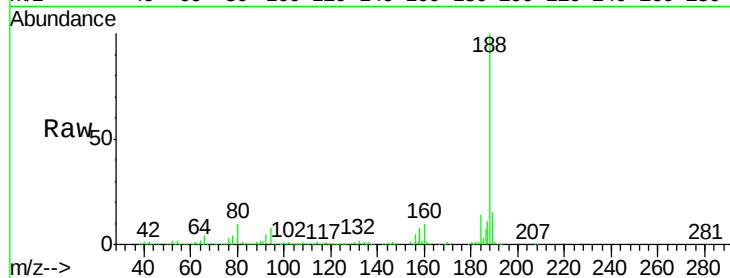
Tgt Ion:188 Resp: 1286163

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

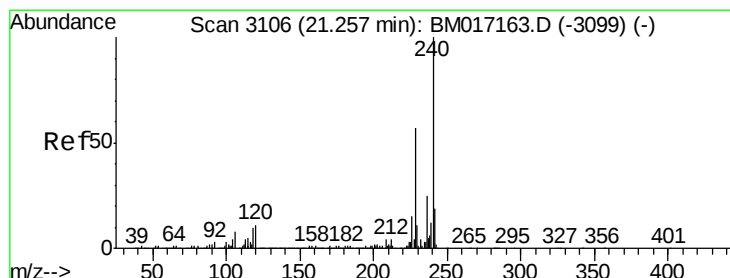
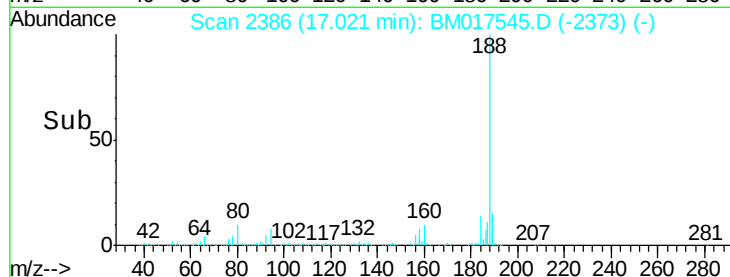
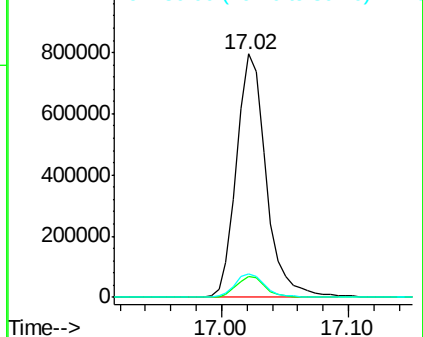
80 9.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM017545.D

Acq: 07 Nov 2018 02:04

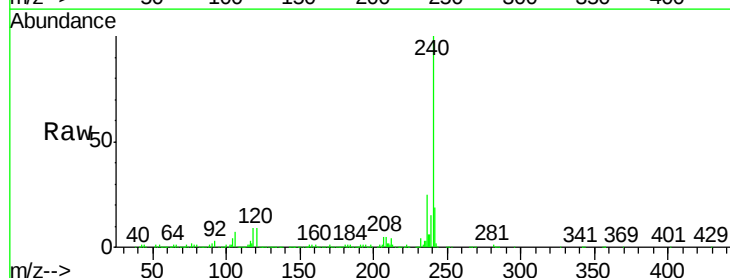
Tgt Ion:240 Resp: 1617495

Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

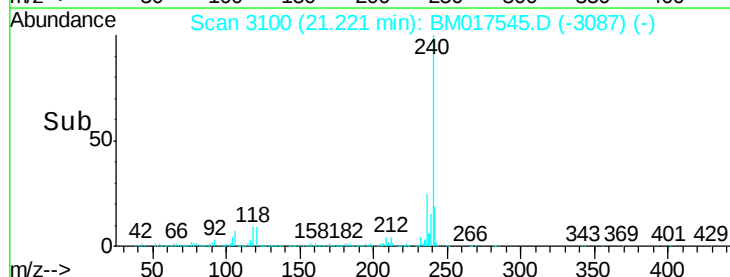
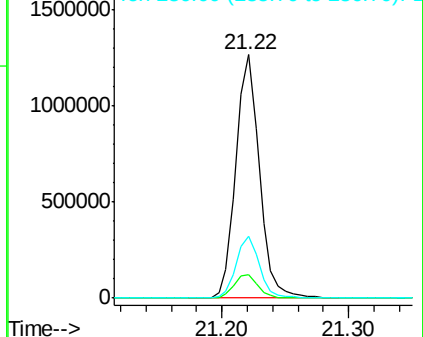
236 25.3 19.9 29.9

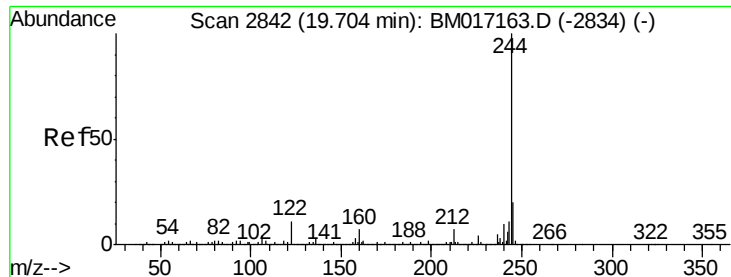


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.422 ng

RT: 19.67 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM017545.D

Acq: 07 Nov 2018 02:04

Instrument :

BNA_M

ClientSampleId :

TP-4A-S

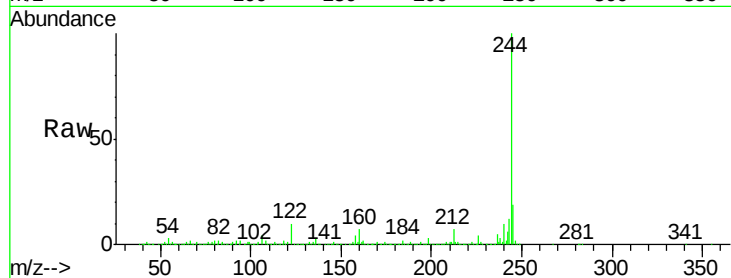
Tgt Ion:244 Resp: 5555872

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

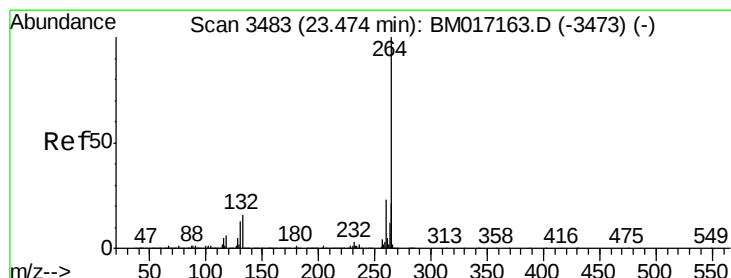
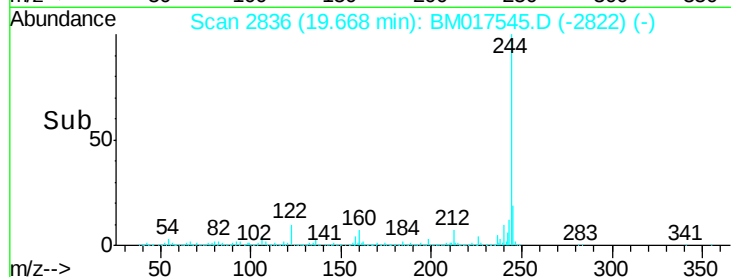
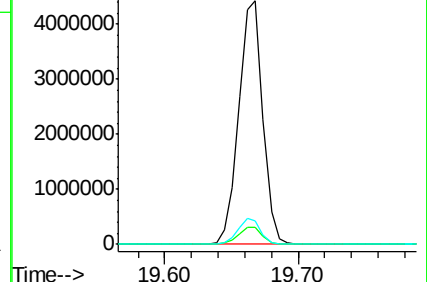
122 9.9 8.4 12.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3473

Delta R.T. -0.04 min

Lab File: BM017545.D

Acq: 07 Nov 2018 02:04

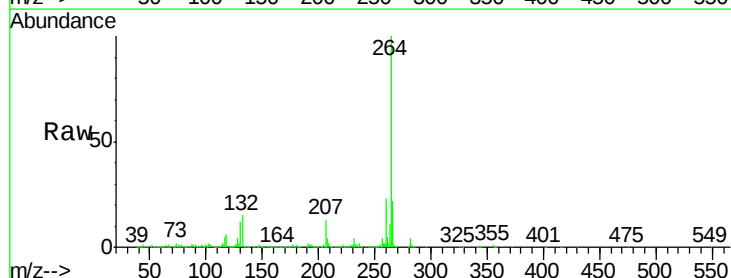
Tgt Ion:264 Resp: 1724464

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 22.1 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

