

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110718\
 Data File : BM017533.D
 Acq On : 06 Nov 2018 18:54
 Operator : MJ/SJ
 Sample : J5815-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HL-R47183-RT

Quant Time: Nov 07 09:00:19 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	231582	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	888751	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	512573	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1301385	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1584491	20.00	ng	-0.02
87) Perylene-d12	23.42	264	1615137	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1648389	120.39	ng	-0.01
7) Phenol-d6	6.82	99	1924246	103.19	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1491945	98.18	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	1074451	155.00	ng	-0.02
45) 2-Fluorobiphenyl	12.89	172	3434086	89.14	ng	-0.02
79) Terphenyl-d14	19.67	244	6608490	94.01	ng	-0.02

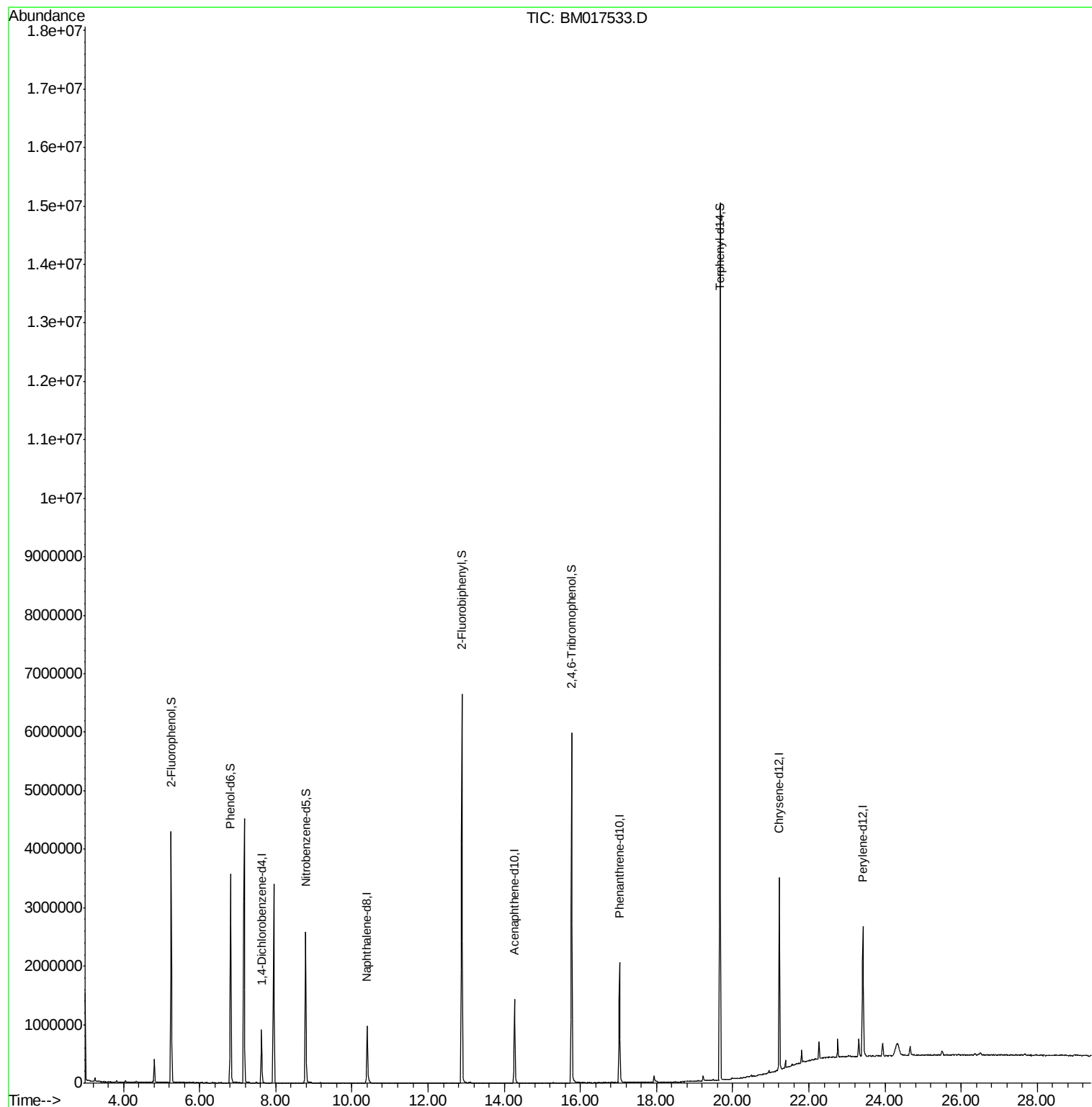
Target Compounds	Qvalue
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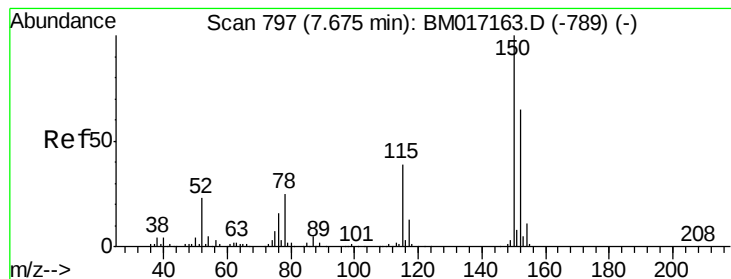
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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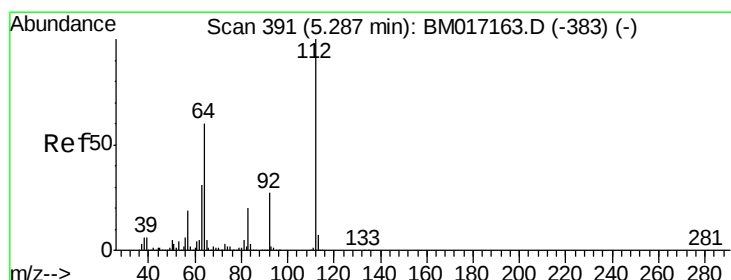
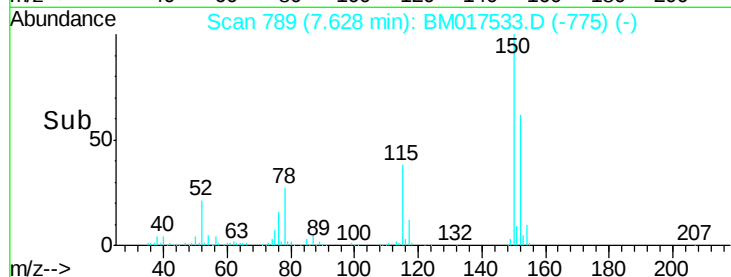
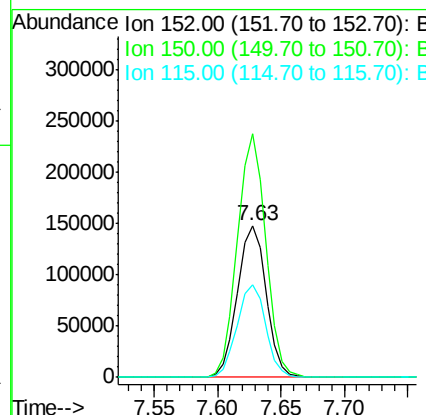
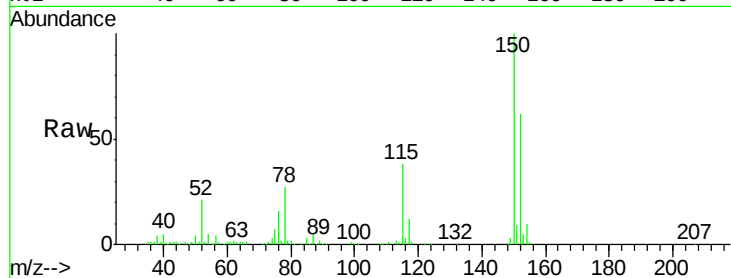




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BM017533.D
 Acq: 06 Nov 2018 18:54

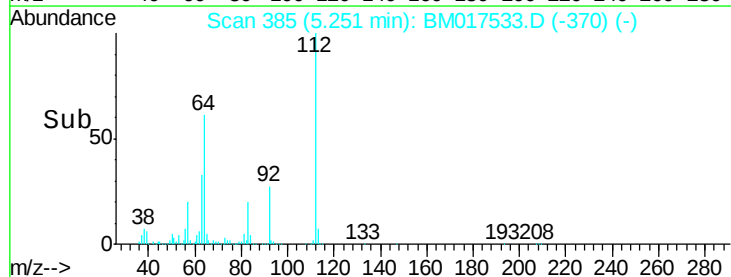
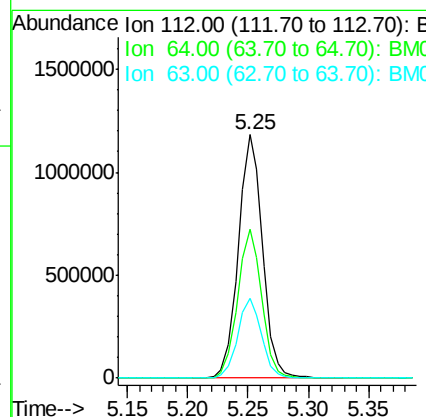
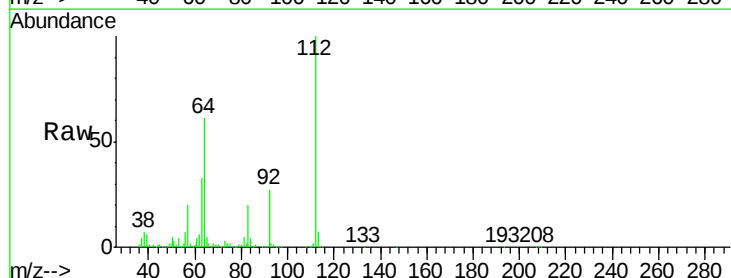
Instrument :
 BNA_M
 ClientSampleId :
 HL-R47183-RT

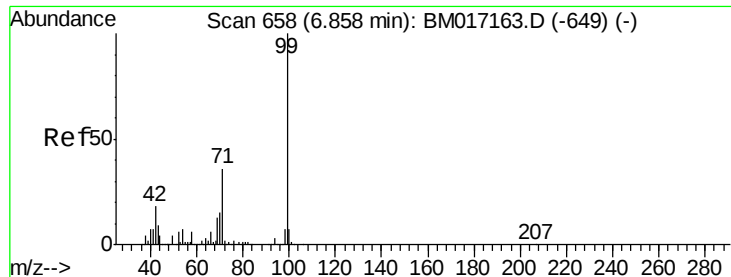
Tgt Ion:152 Resp: 231582
 Ion Ratio Lower Upper
 152 100
 150 160.5 124.3 186.5
 115 60.8 48.1 72.1



#5
 2-Fluorophenol
 Concen: 120.388 ng
 RT: 5.25 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: BM017533.D
 Acq: 06 Nov 2018 18:54

Tgt Ion:112 Resp: 1648389
 Ion Ratio Lower Upper
 112 100
 64 61.0 41.7 62.5
 63 32.9 23.0 34.4





#7

Phenol-d6

Concen: 103.187 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017533.D

Acq: 06 Nov 2018 18:54

Instrument :

BNA_M

ClientSampleId :

HL-R47183-RT

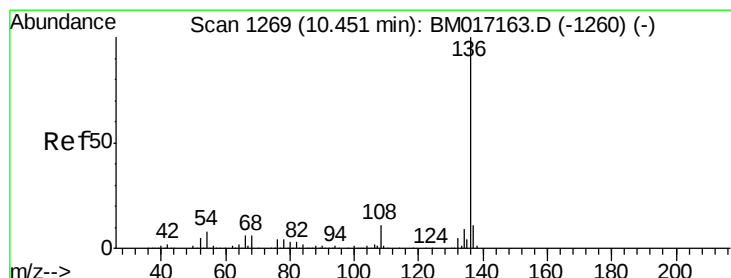
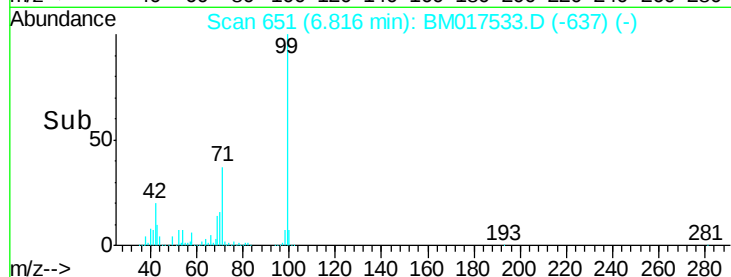
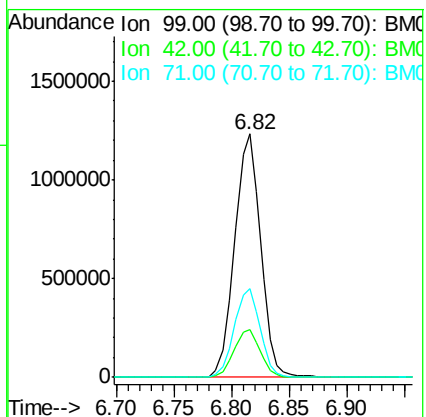
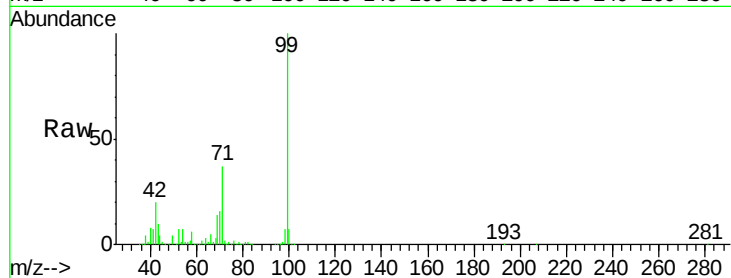
Tgt Ion: 99 Resp: 1924246

Ion Ratio Lower Upper

99 100

42 19.7 13.3 19.9

71 36.7 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: BM017533.D

Acq: 06 Nov 2018 18:54

Tgt Ion: 136 Resp: 888751

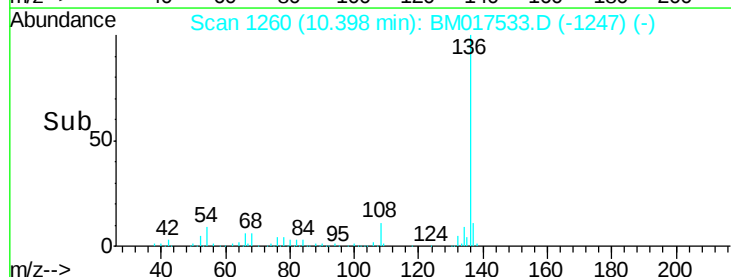
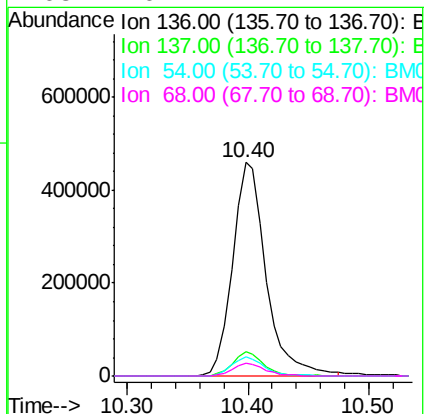
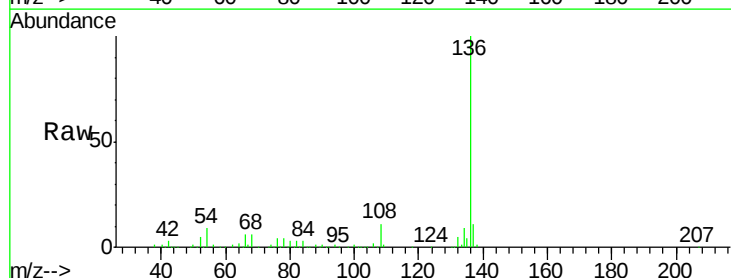
Ion Ratio Lower Upper

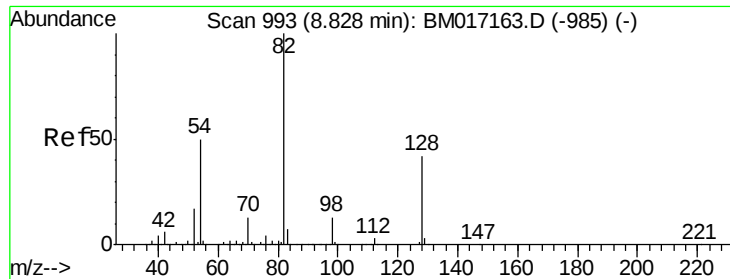
136 100

137 11.5 9.2 13.8

54 9.1 6.7 10.1

68 6.2 4.7 7.1

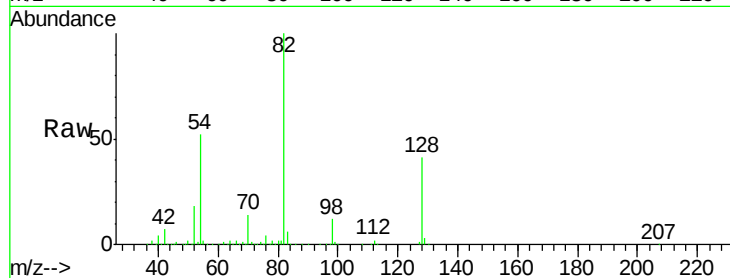




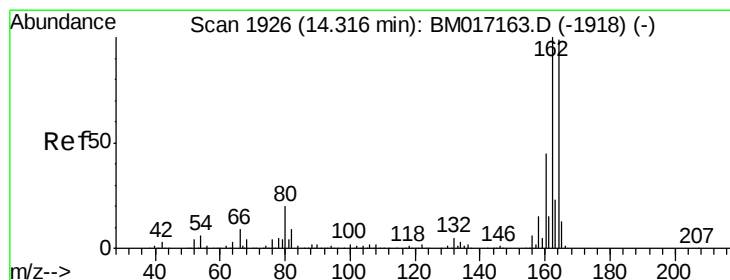
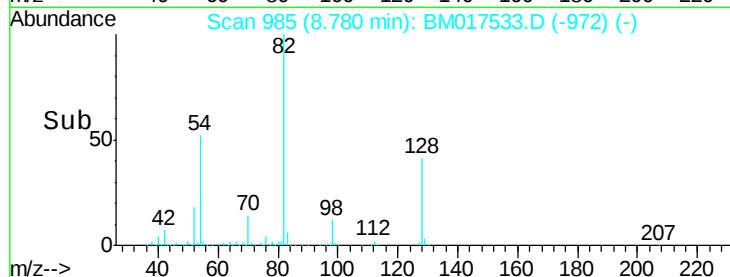
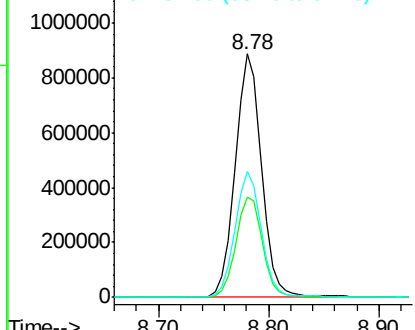
#23
 Nitrobenzene-d5
 Concen: 98.180 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BM017533.D
 Acq: 06 Nov 2018 18:54

Instrument :
 BNA_M
 ClientSampleId :
 HL-R47183-RT

Tgt Ion: 82 Resp: 1491945
 Ion Ratio Lower Upper
 82 100
 128 41.1 37.0 55.6
 54 51.5 40.7 61.1

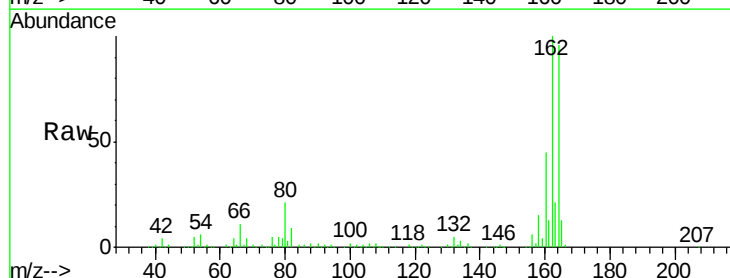


Abundance Ion 82.00 (81.70 to 82.70): BM017533.D (-972) (-)
 Ion 128.00 (127.70 to 128.70): BM017533.D (-972) (-)
 Ion 54.00 (53.70 to 54.70): BM017533.D (-972) (-)

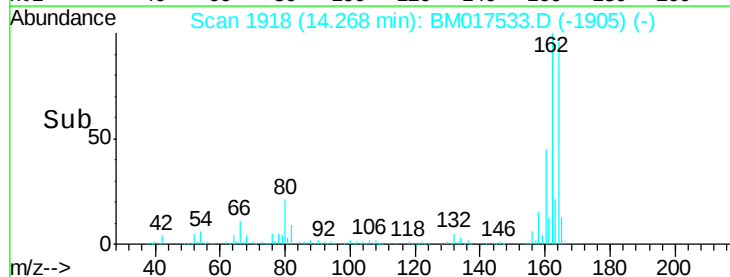
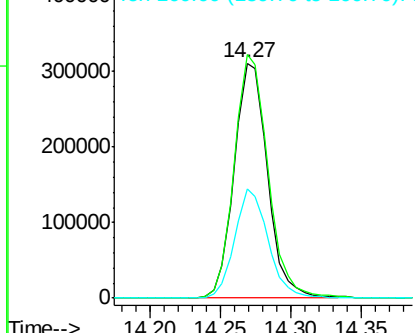


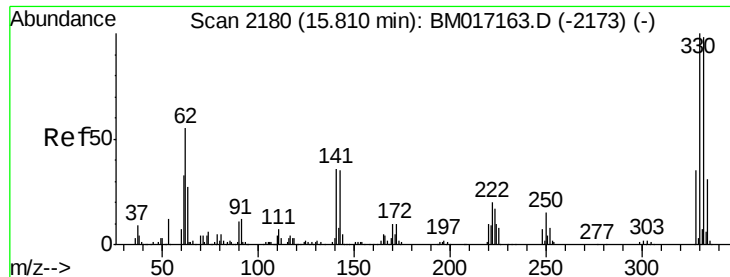
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.27 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BM017533.D
 Acq: 06 Nov 2018 18:54

Tgt Ion: 164 Resp: 512573
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.1 123.1
 160 46.3 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): BM017533.D (-1905) (-)
 Ion 162.00 (161.70 to 162.70): BM017533.D (-1905) (-)
 Ion 160.00 (159.70 to 160.70): BM017533.D (-1905) (-)

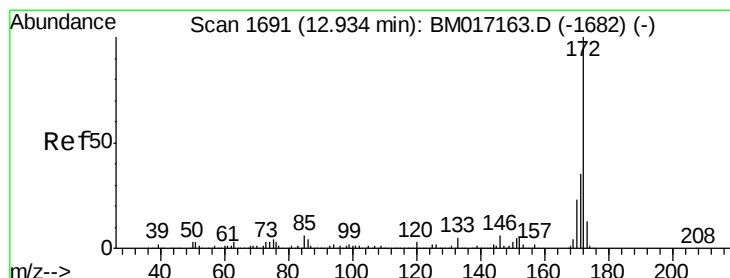
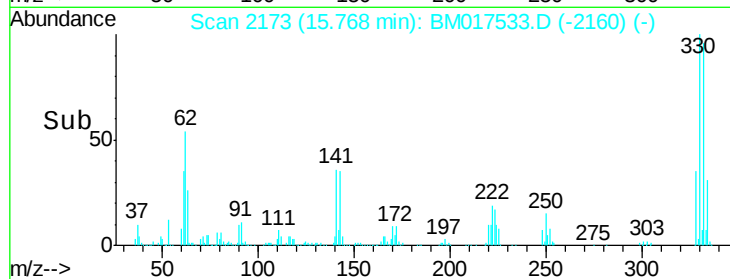
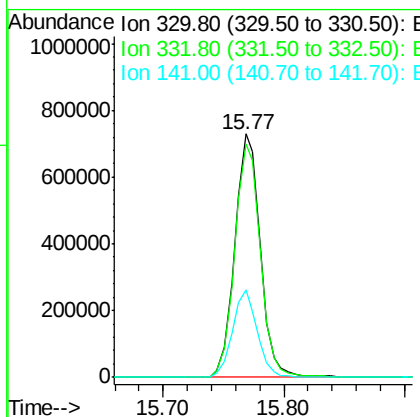
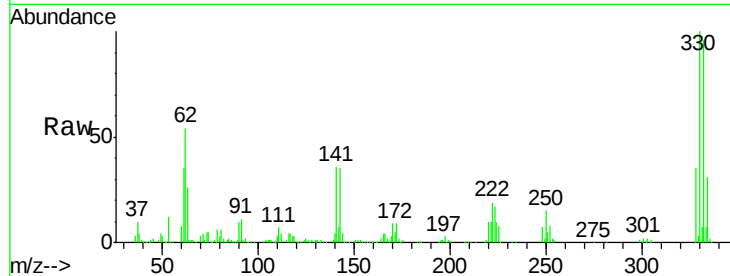




#42
 2,4,6-Tribromophenol
 Concen: 155.003 ng
 RT: 15.77 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM017533.D
 Acq: 06 Nov 2018 18:54

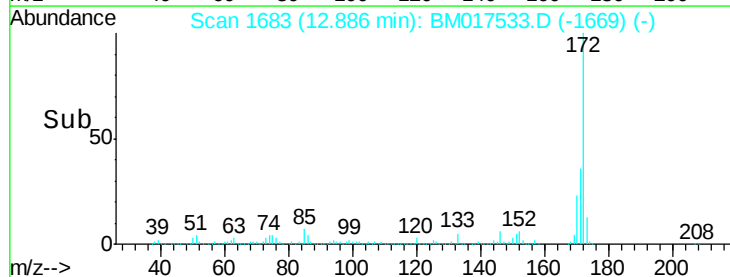
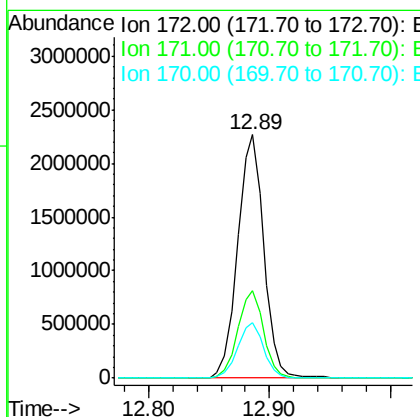
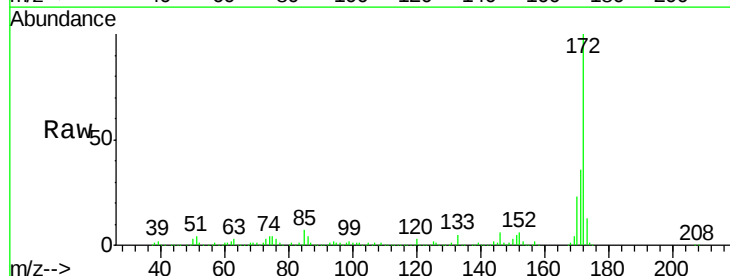
Instrument :
 BNA_M
 ClientSampleId :
 HL-R47183-RT

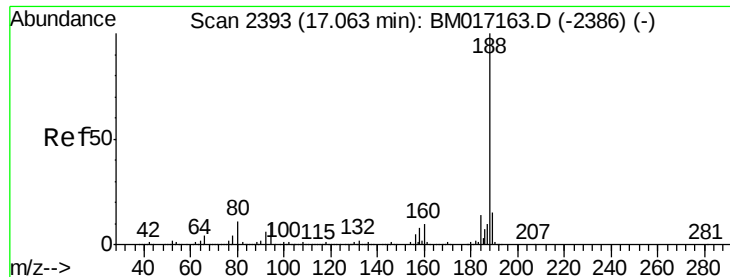
Tgt Ion:330 Resp: 1074451
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 35.1 27.4 41.0



#45
 2-Fluorobiphenyl
 Concen: 89.142 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BM017533.D
 Acq: 06 Nov 2018 18:54

Tgt Ion:172 Resp: 3434086
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.3 42.5
 170 22.6 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: BM017533.D

Acq: 06 Nov 2018 18:54

Instrument :

BNA_M

ClientSampleId :

HL-R47183-RT

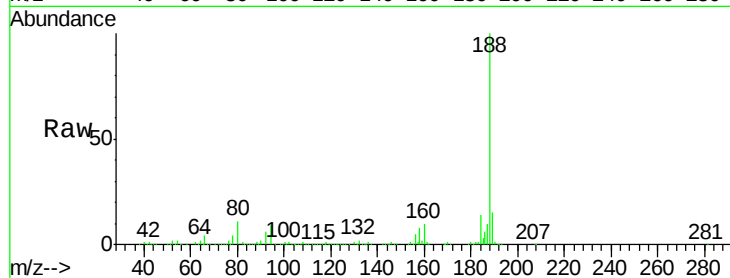
Tgt Ion:188 Resp: 1301385

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

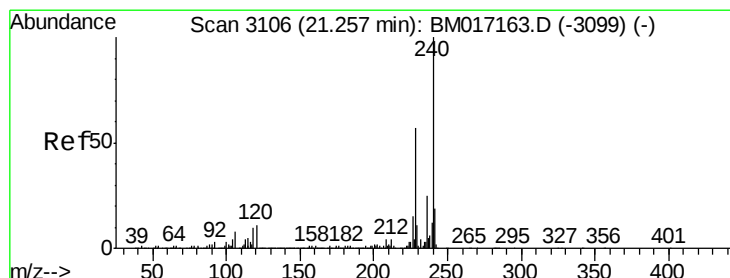
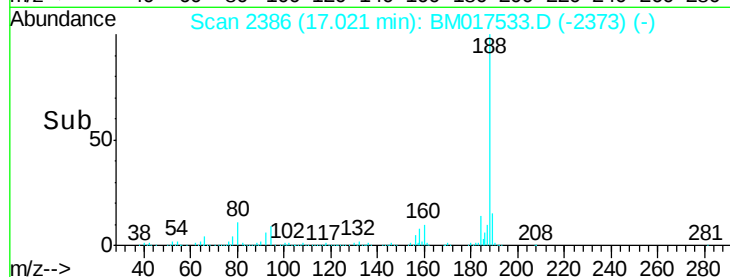
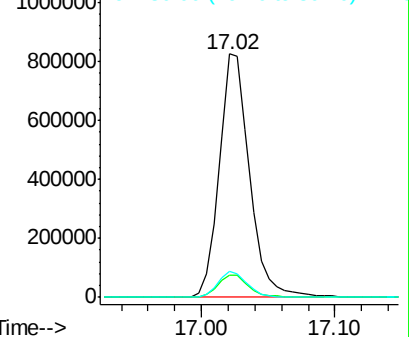
80 10.6 7.7 11.5



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: BM017533.D

Acq: 06 Nov 2018 18:54

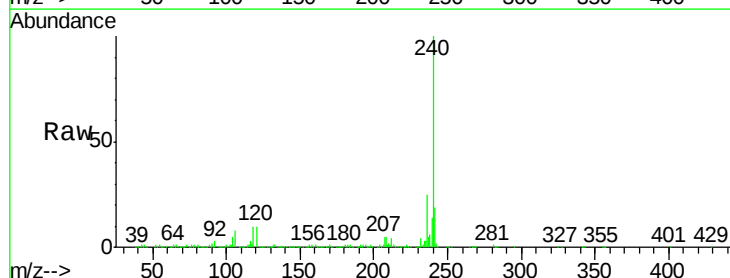
Tgt Ion:240 Resp: 1584491

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

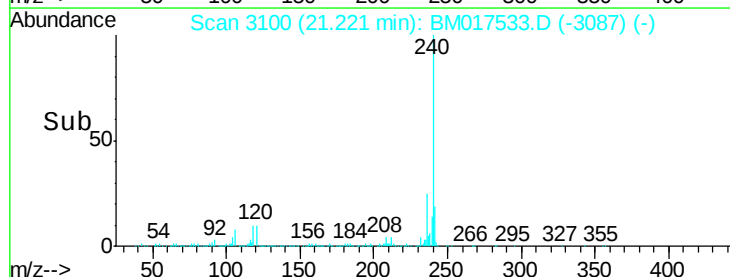
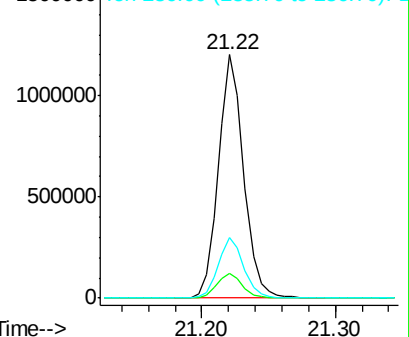
236 24.9 19.9 29.9

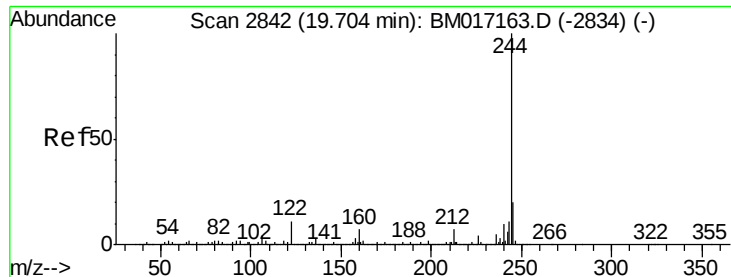


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.008 ng

RT: 19.67 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM017533.D

Acq: 06 Nov 2018 18:54

Instrument :

BNA_M

ClientSampleId :

HL-R47183-RT

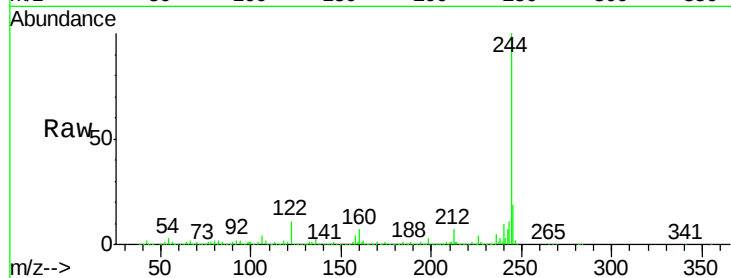
Tgt Ion:244 Resp: 6608490

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

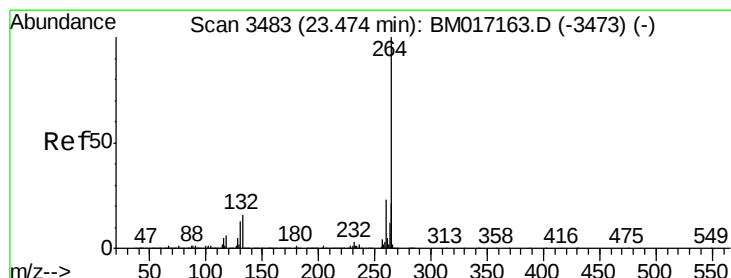
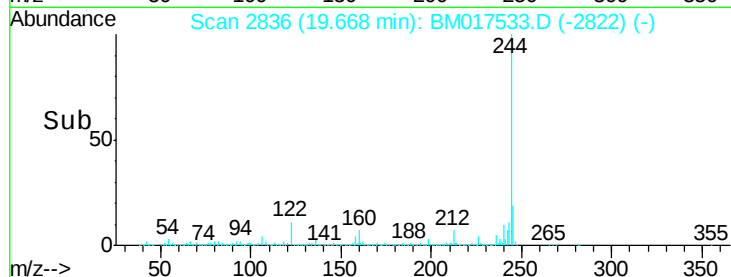
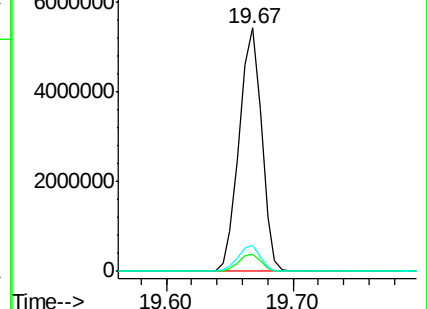
122 10.6 8.4 12.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.42 min Scan# 3474

Delta R.T. -0.03 min

Lab File: BM017533.D

Acq: 06 Nov 2018 18:54

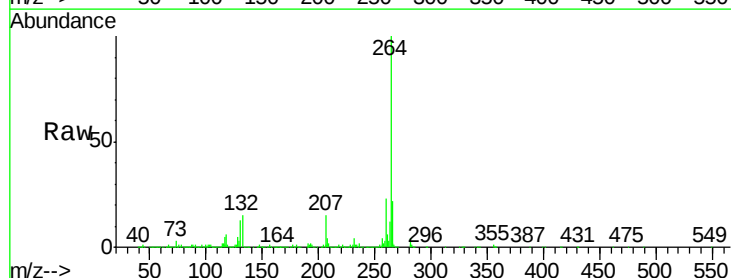
Tgt Ion:264 Resp: 1615137

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 22.5 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

