

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112118\
 Data File : BM017751.D
 Acq On : 22 Nov 2018 03:14
 Operator : MJ/SJ
 Sample : PB115005BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115005BL

Quant Time: Nov 22 04:14:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	190370	20.00	ng	-0.02
21) Naphthalene-d8	10.36	136	739081	20.00	ng	-0.02
39) Acenaphthene-d10	14.24	164	449860	20.00	ng	-0.02
64) Phenanthrene-d10	16.99	188	1030461	20.00	ng	-0.02
76) Chrysene-d12	21.20	240	1048265	20.00	ng	-0.02
87) Perylene-d12	23.38	264	918358	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1012677	89.77	ng	-0.02
7) Phenol-d6	6.78	99	1320795	83.84	ng	-0.02
23) Nitrobenzene-d5	8.75	82	1216528	84.98	ng	-0.03
42) 2,4,6-Tribromophenol	15.74	330	520755	80.56	ng	-0.02
45) 2-Fluorobiphenyl	12.85	172	3015680	86.97	ng	-0.02
79) Terphenyl-d14	19.64	244	3882987	83.95	ng	-0.02

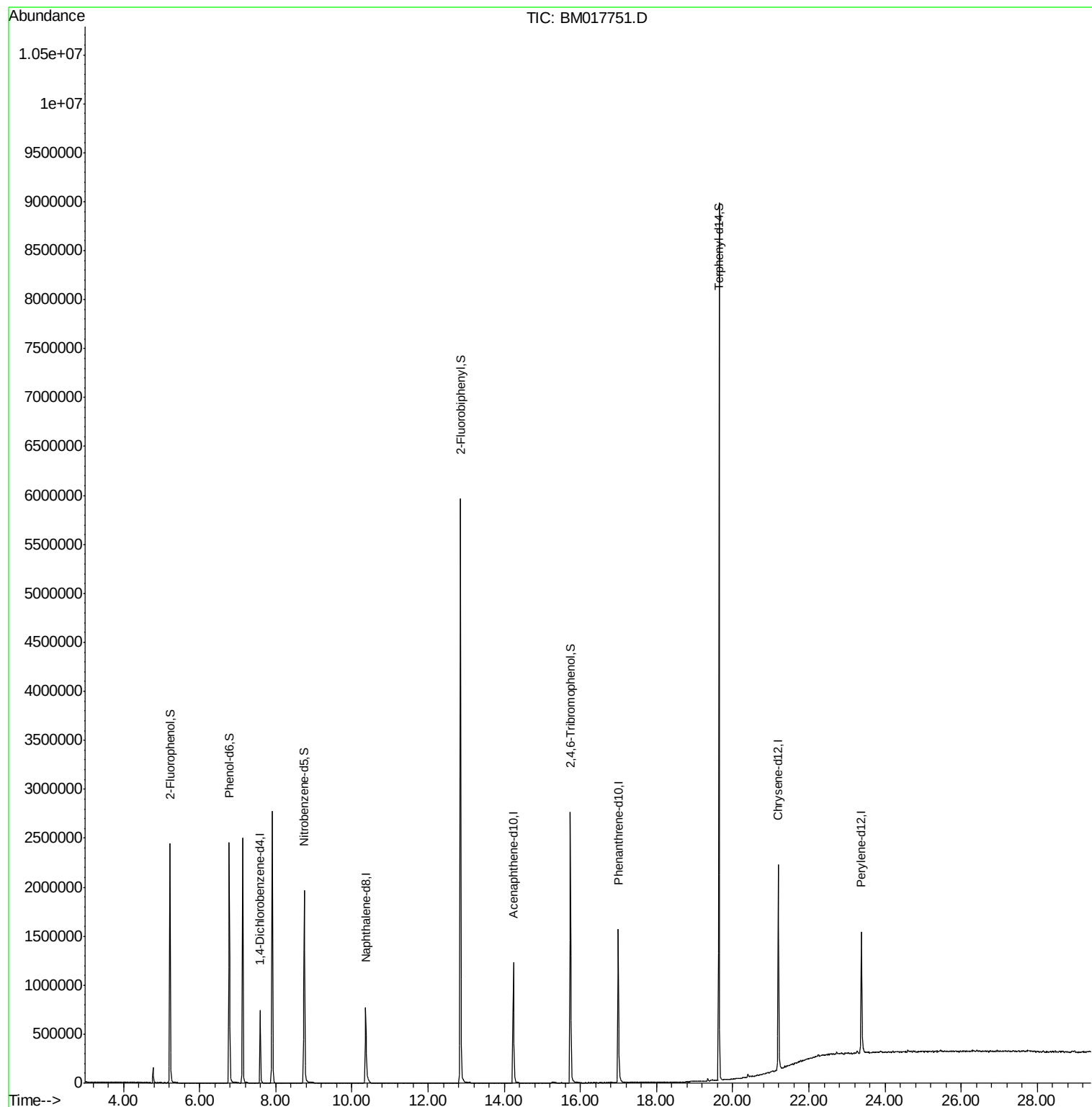
Target Compounds Qvalue

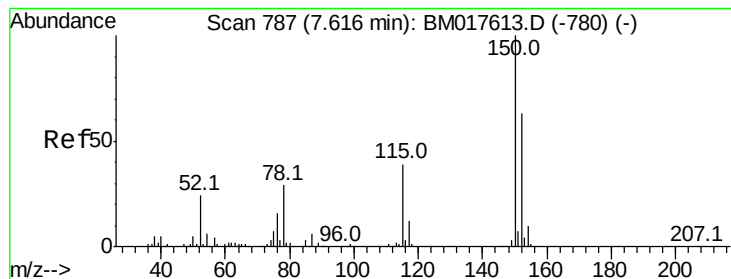
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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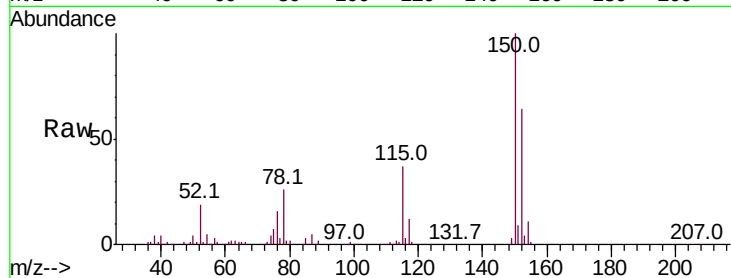


#1

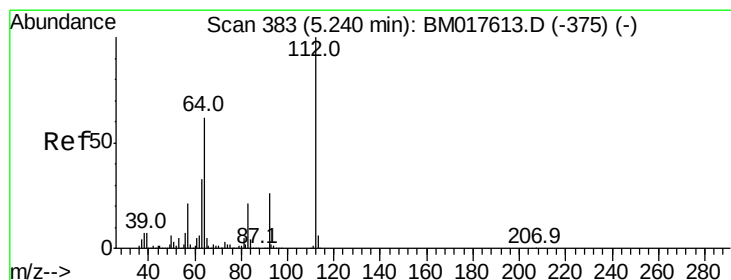
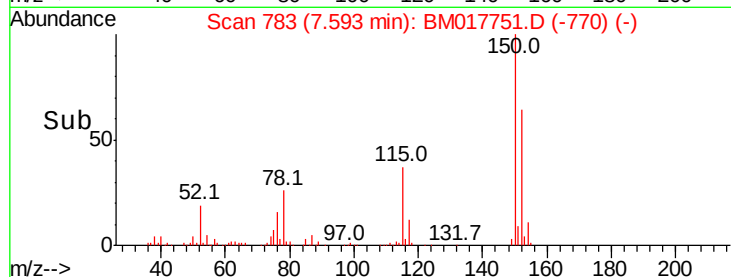
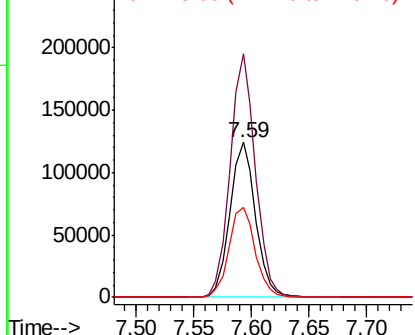
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM017751.D
Acq: 22 Nov 2018 03:14

Instrument :
BNA_M
ClientSampleId :
PB115005BL

Tot Ion:152 Resp: 190370
Ion Ratio Lower Upper
152 100
150 156.9 126.4 189.6
115 58.4 49.4 74.0



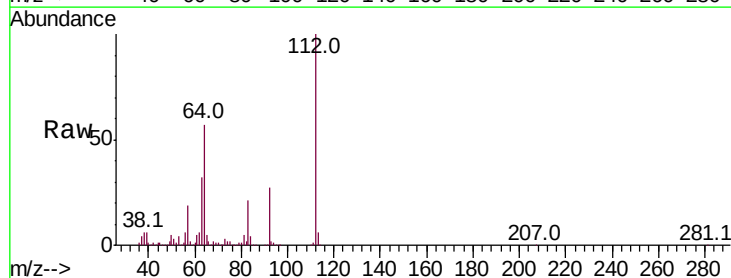
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



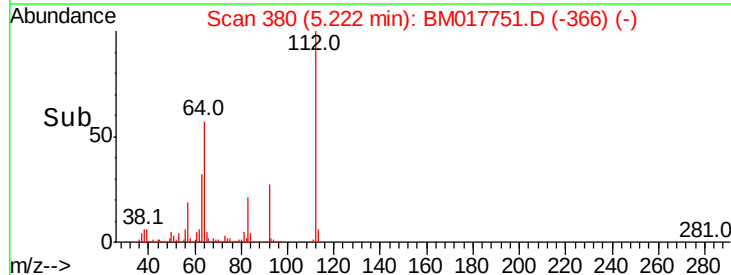
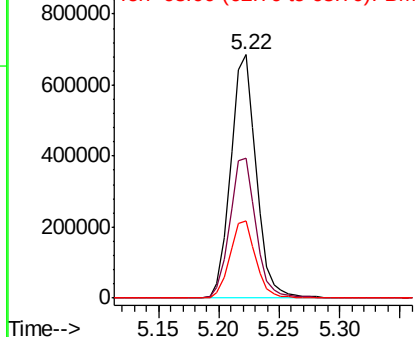
#5

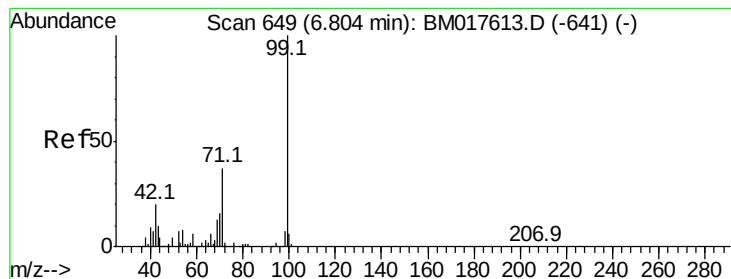
2-Fluorophenol
Concen: 89.775 ng
RT: 5.22 min Scan# 380
Delta R.T. -0.02 min
Lab File: BM017751.D
Acq: 22 Nov 2018 03:14

Tgt Ion:112 Resp: 1012677
Ion Ratio Lower Upper
112 100
64 57.3 49.3 73.9
63 31.7 26.2 39.4



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: 83.836 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.02 min

Lab File: BM017751.D

Acq: 22 Nov 2018 03:14

Instrument :

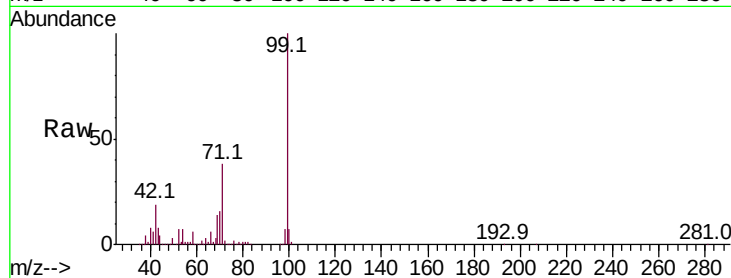
BNA_M

ClientSampleId :

PB115005BL

Tot Ion: 99 Resp: 1320795

Ion	Ratio	Lower	Upper
99	100		
42	18.6	16.3	24.5
71	38.3	29.8	44.8

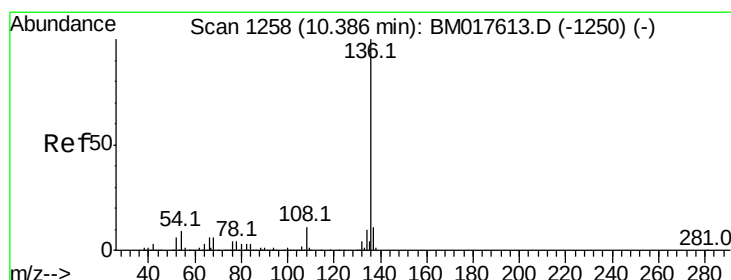
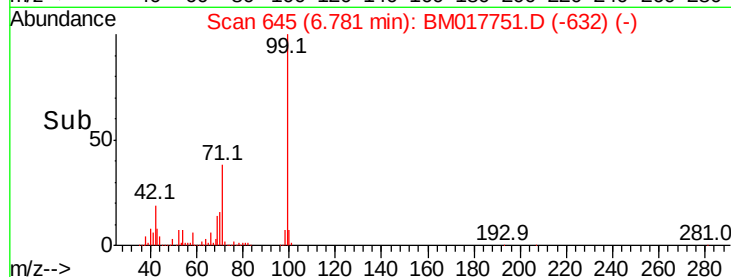
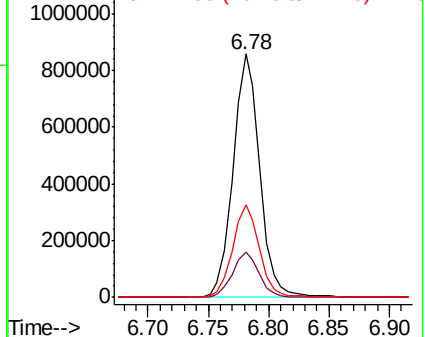


Abundance

Ion 99.00 (98.70 to 99.70): BM017751.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM017751.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM017751.D (-632) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BM017751.D

Acq: 22 Nov 2018 03:14

Tgt Ion: 136 Resp: 739081

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.5	7.0	10.6
68	5.7	4.9	7.3

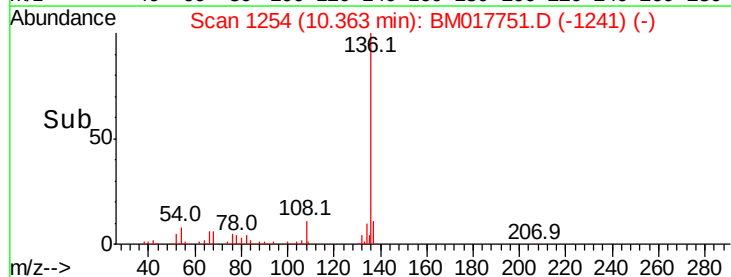
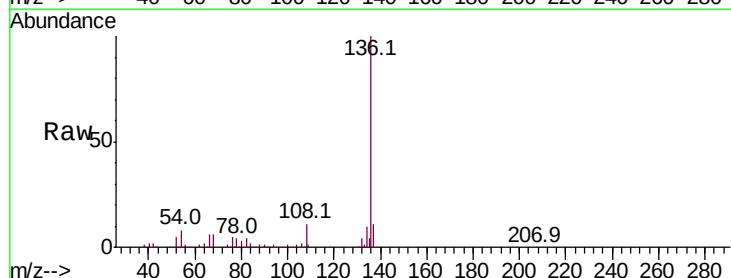
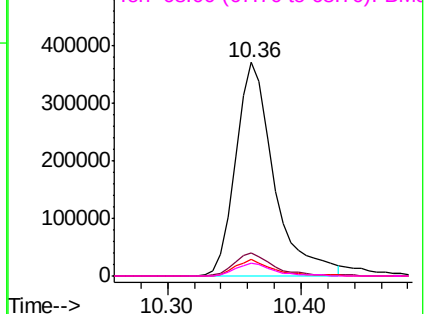
Abundance

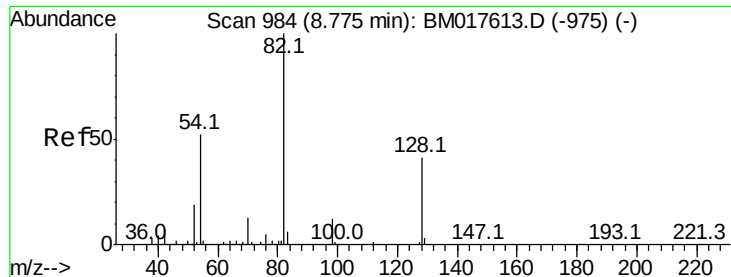
Ion 136.00 (135.70 to 136.70): BM017751.D (-1241) (-)

Ion 137.00 (136.70 to 137.70): BM017751.D (-1241) (-)

Ion 54.00 (53.70 to 54.70): BM017751.D (-1241) (-)

Ion 68.00 (67.70 to 68.70): BM017751.D (-1241) (-)



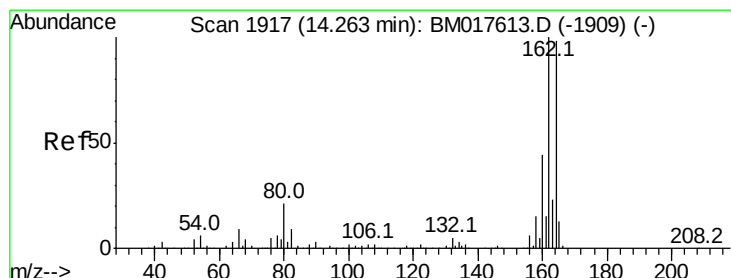
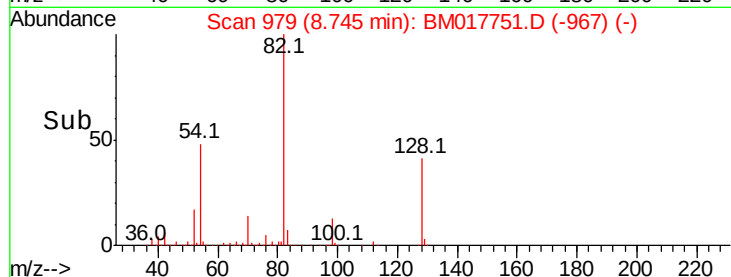
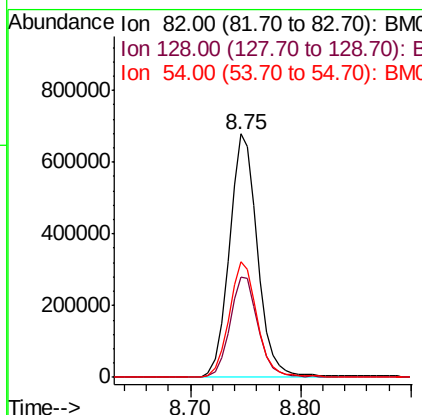
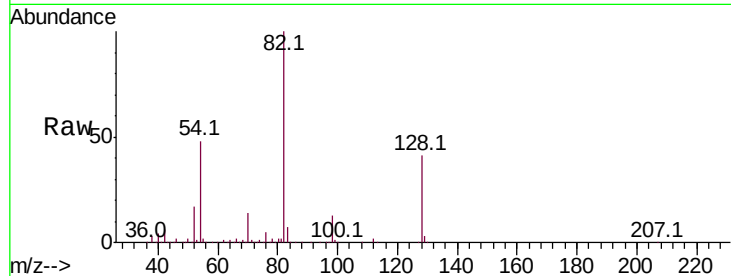


#23
 Nitrobenzene-d5
 Concen: 84.975 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.03 min
 Lab File: BM017751.D
 Acq: 22 Nov 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 PB115005BL

Tot Ion: 82 Resp: 1216528

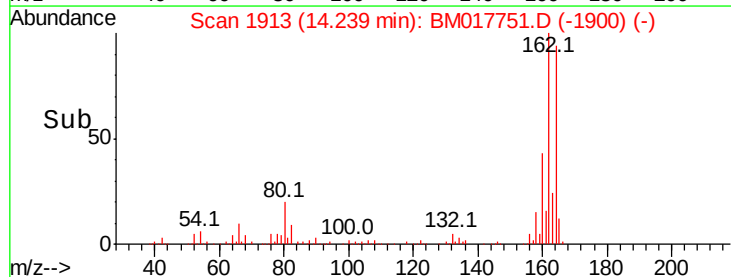
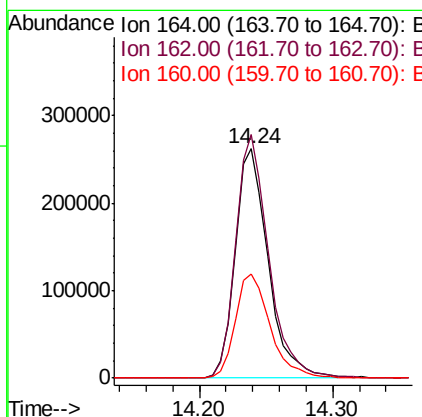
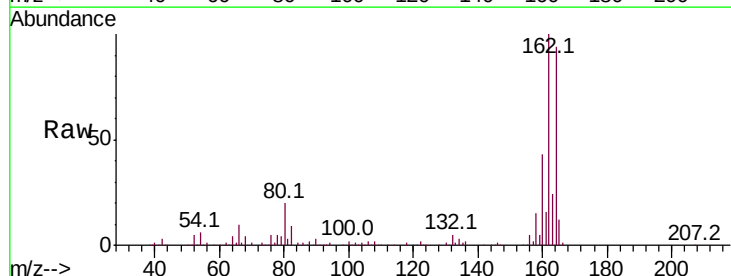
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.4
54	47.7	41.4	62.2

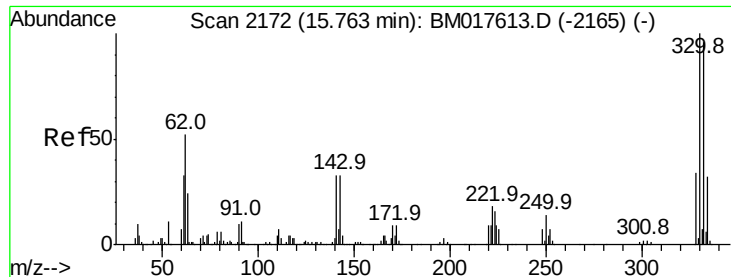


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.24 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM017751.D
 Acq: 22 Nov 2018 03:14

Tgt Ion:164 Resp: 449860

Ion	Ratio	Lower	Upper
164	100		
162	106.2	81.4	122.0
160	45.6	35.6	53.4

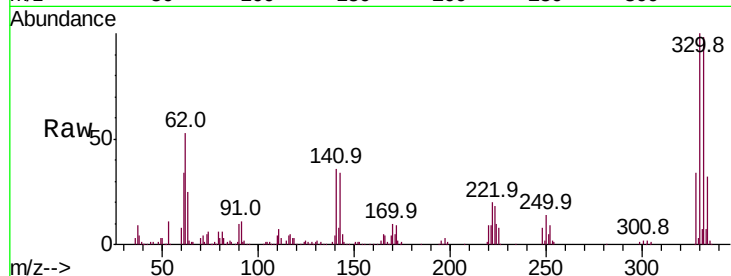




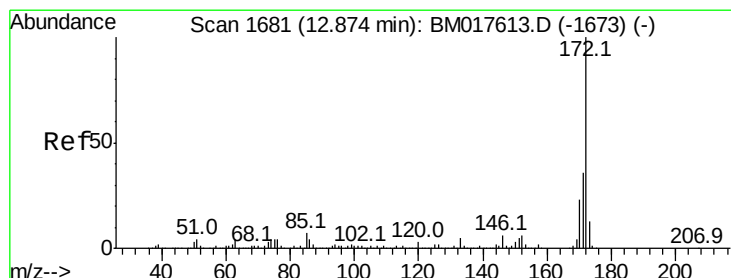
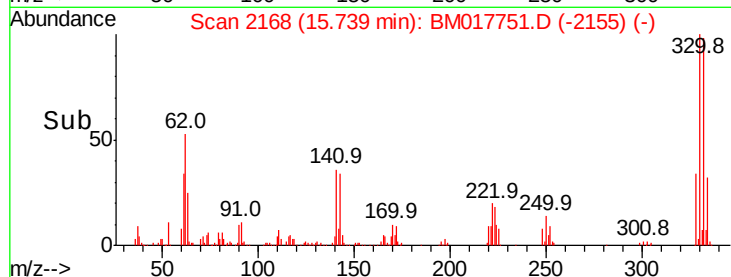
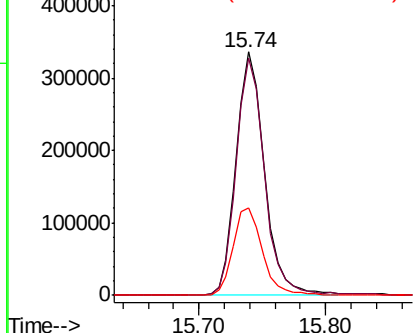
#42
 2,4,6-Tribromophenol
 Concen: 80.564 ng
 RT: 15.74 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM017751.D
 Acq: 22 Nov 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 PB115005BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.9	116.9
141	37.1	27.5	41.3

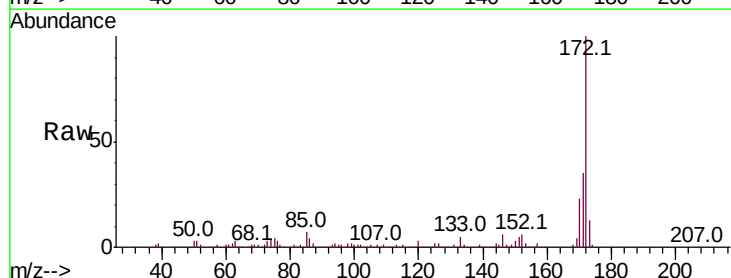


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

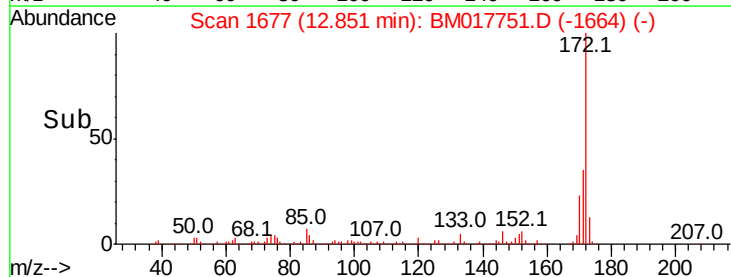
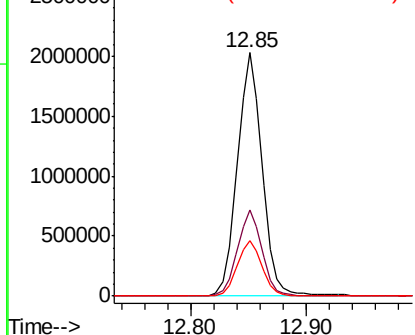


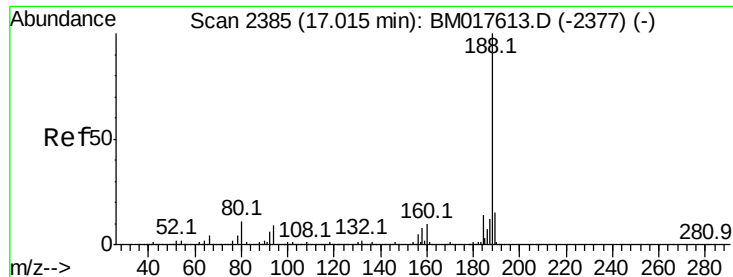
#45
 2-Fluorobiphenyl
 Concen: 86.968 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM017751.D
 Acq: 22 Nov 2018 03:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	22.7	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

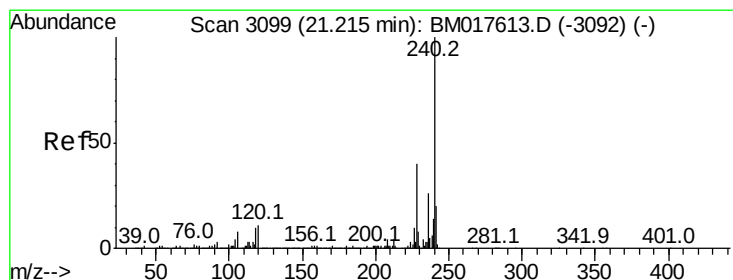
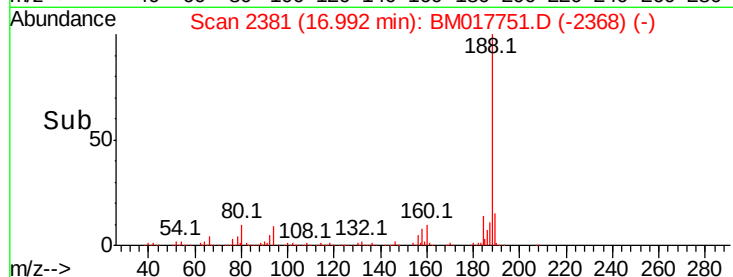
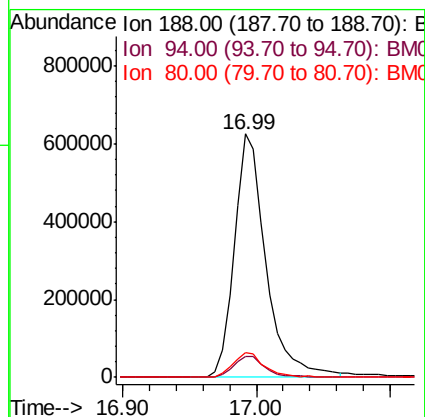
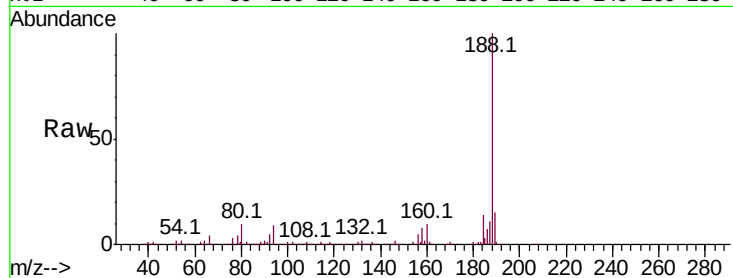




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM017751.D
Acq: 22 Nov 2018 03:14

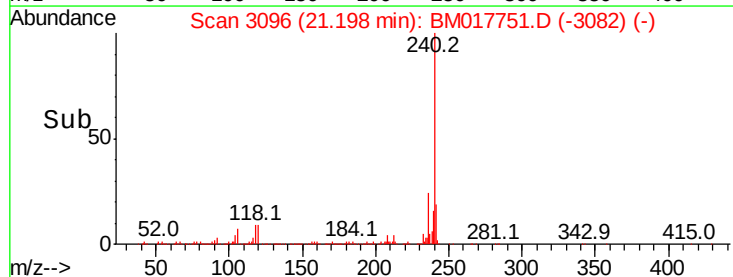
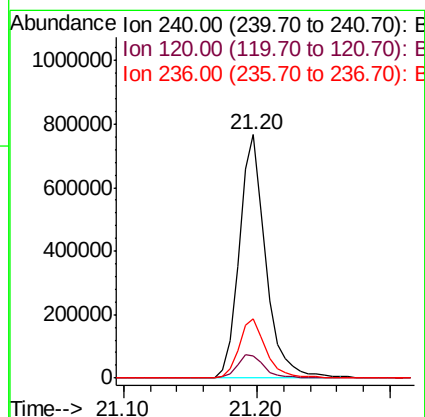
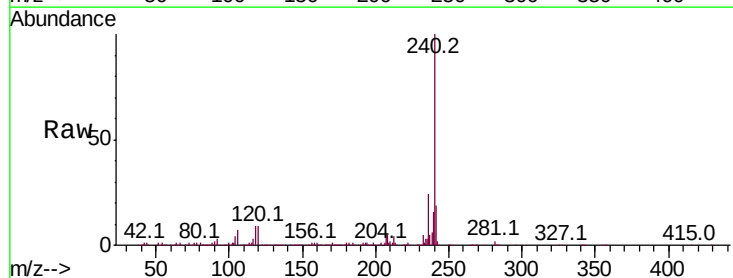
Instrument :
BNA_M
ClientSampleId :
PB115005BL

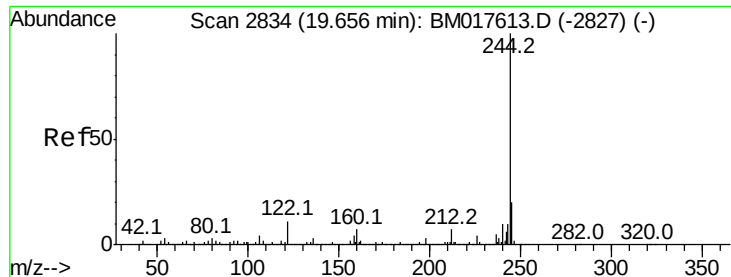
Tot Ion:188 Resp: 1030461
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 10.2 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3096
Delta R.T. -0.02 min
Lab File: BM017751.D
Acq: 22 Nov 2018 03:14

Tgt Ion:240 Resp: 1048265
Ion Ratio Lower Upper
240 100
120 9.2 8.5 12.7
236 24.5 20.4 30.6





#79

Terphenyl-d14

Concen: 83.953 ng

RT: 19.64 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BM017751.D

Acq: 22 Nov 2018 03:14

Instrument :

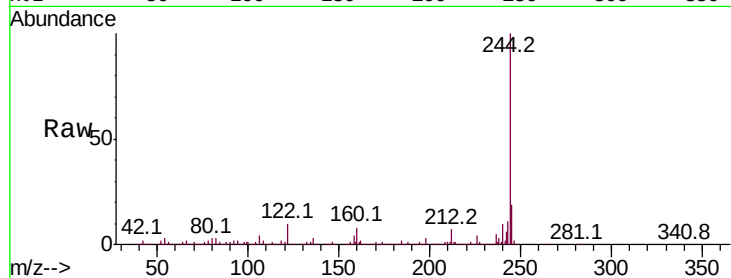
BNA_M

ClientSampleId :

PB115005BL

Tot Ion:244 Resp: 3882987

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	10.3	9.0	13.6

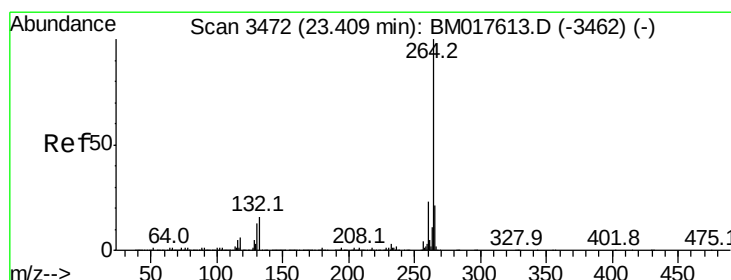
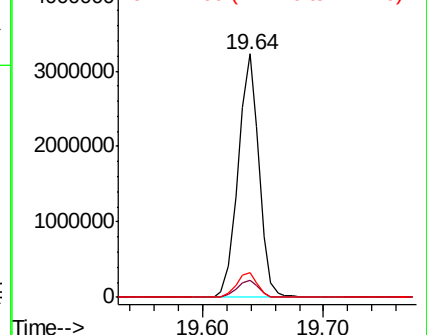
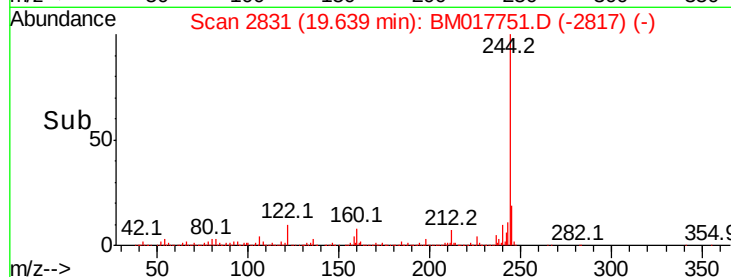


Abundance

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: 23.38 min Scan# 3467

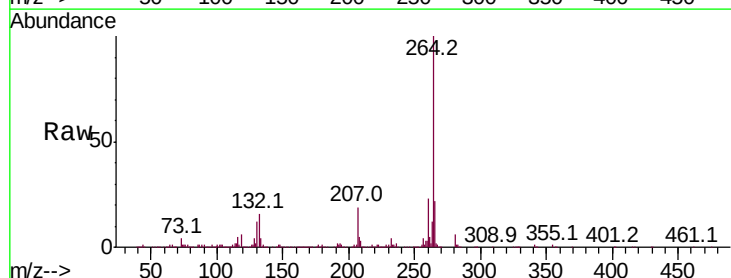
Delta R.T. -0.03 min

Lab File: BM017751.D

Acq: 22 Nov 2018 03:14

Tgt Ion:264 Resp: 918358

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.8	17.5	26.3



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

