

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
 Data File : BM017866.D
 Acq On : 01 Dec 2018 20:49
 Operator : JU/SJ
 Sample : J6128-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 112718-DBRI-E-U-S

Quant Time: Dec 03 00:18:50 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	7.58	152	196098	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	820612	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	467017	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	956396	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	730009	20.00	ng	-0.03
87) Perylene-d12	23.37	264	697556	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	418150	35.99	ng	-0.03
7) Phenol-d6	6.77	99	331250	20.41	ng	-0.04
23) Nitrobenzene-d5	8.74	82	1493939	93.98	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	530263	79.02	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	3590254	99.73	ng	-0.04
79) Terphenyl-d14	19.63	244	3797268	117.89	ng	-0.02

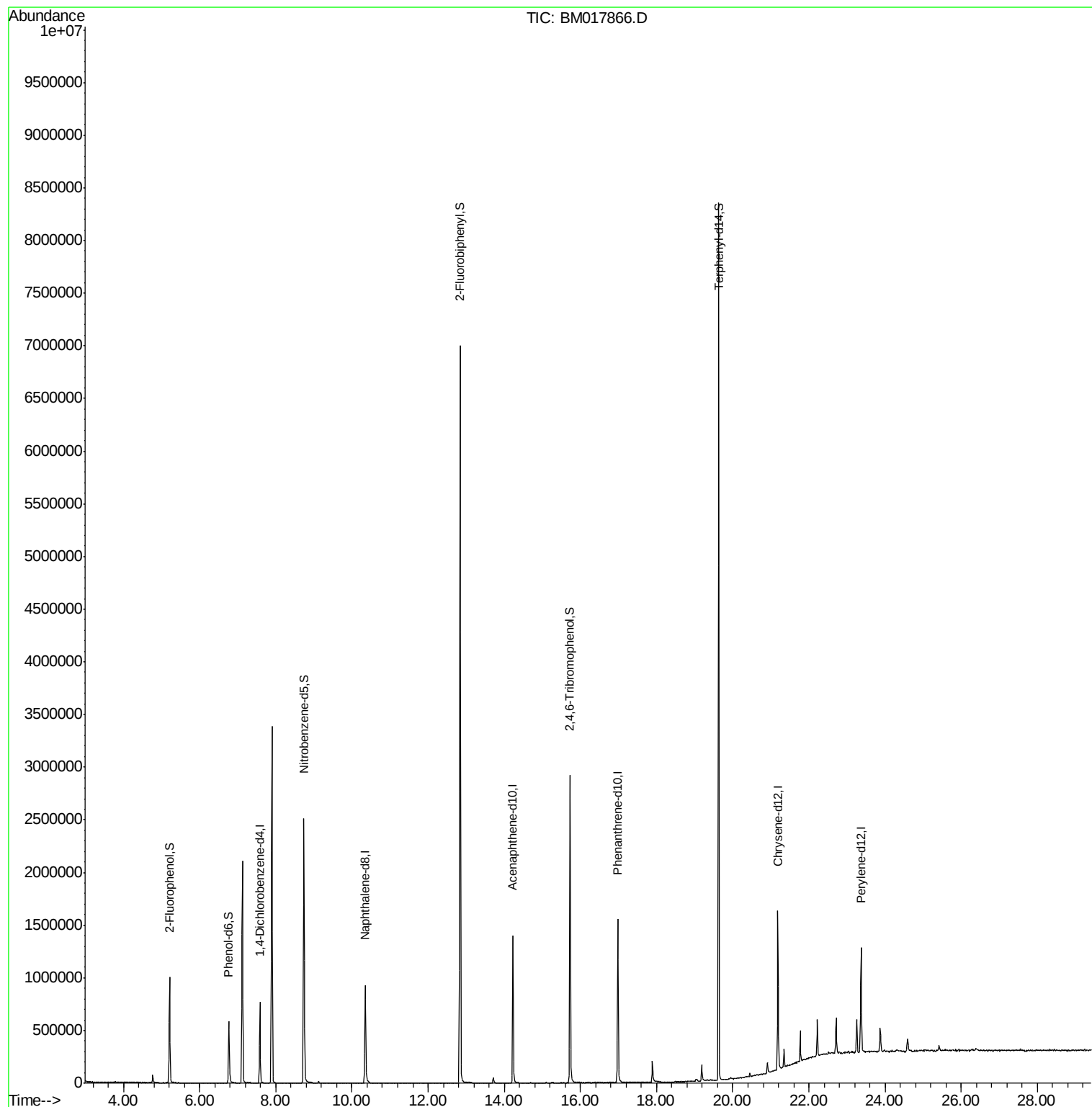
Target Compounds Qvalue

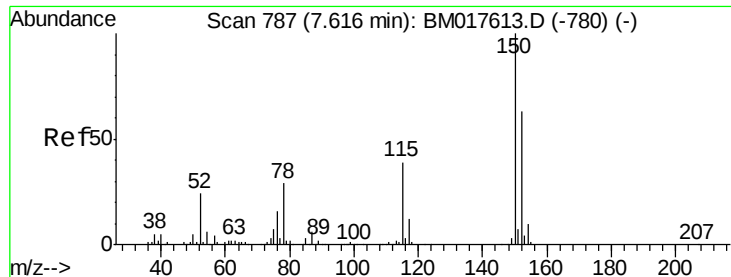
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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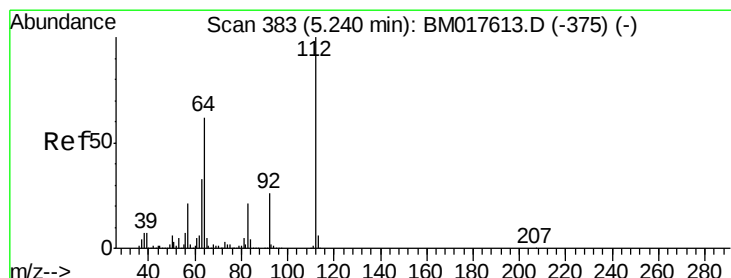
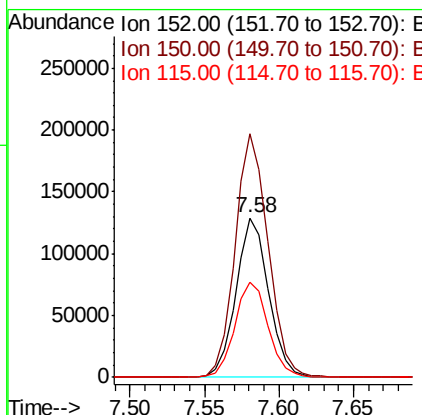
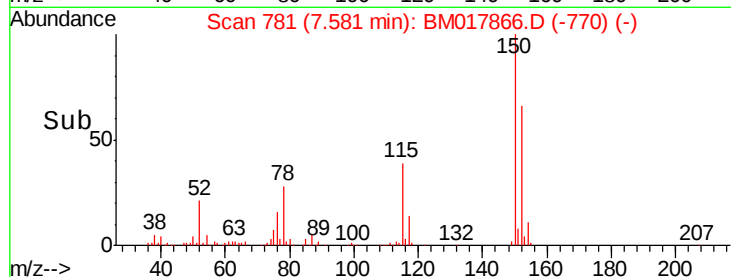
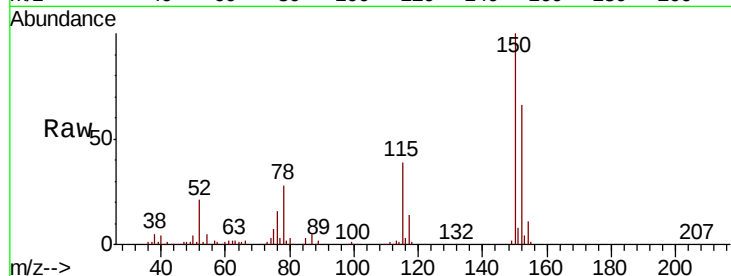


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017866.D
Acq: 01 Dec 2018 20:49

Instrument :
BNA_M
ClientSampleId :
112718-DBRI-E-U-S

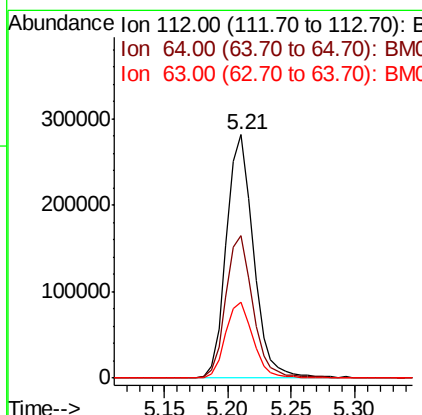
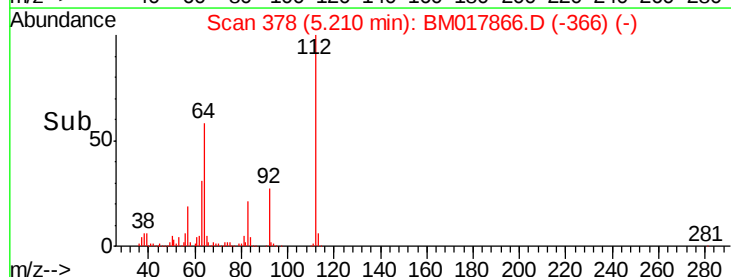
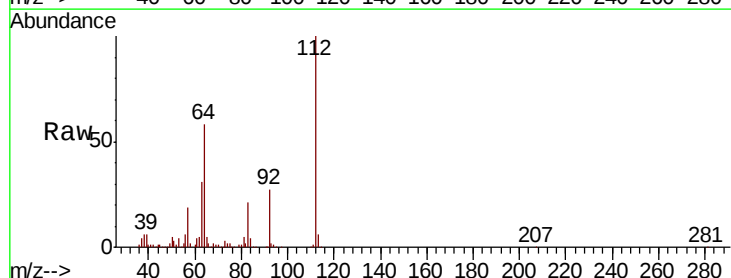
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.4	189.6
115	60.0	49.4	74.0

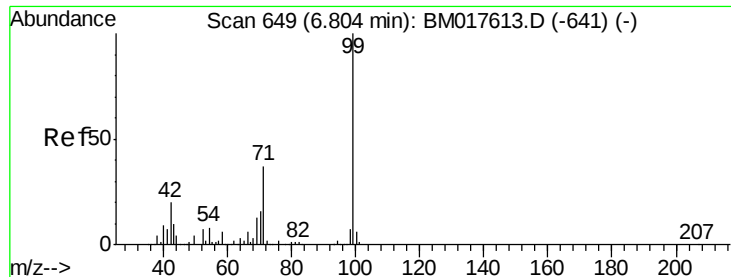


#5

2-Fluorophenol
Concen: 35.987 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017866.D
Acq: 01 Dec 2018 20:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	49.3	73.9
63	31.3	26.2	39.4





#7

Phenol-d6

Concen: 20.412 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.04 min

Lab File: BM017866.D

Acq: 01 Dec 2018 20:49

Instrument :

BNA_M

ClientSampleId :

112718-DBRI-E-U-S

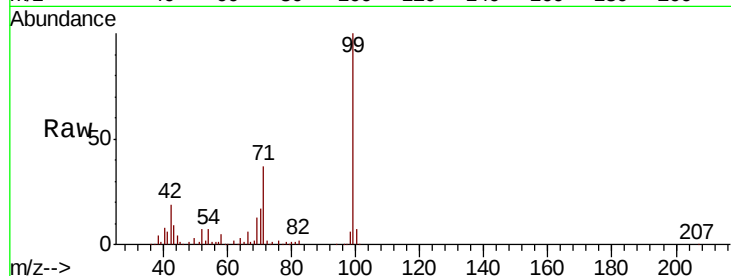
Tot Ion: 99 Resp: 331250

Ion Ratio Lower Upper

99 100

42 18.6 16.3 24.5

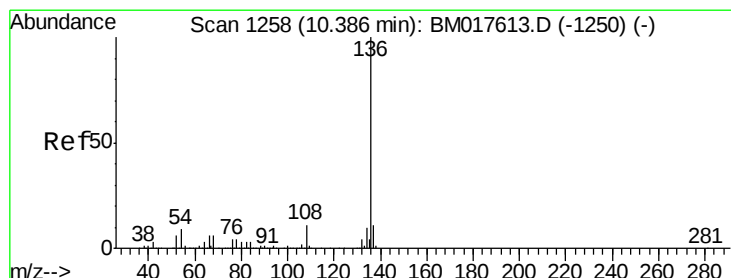
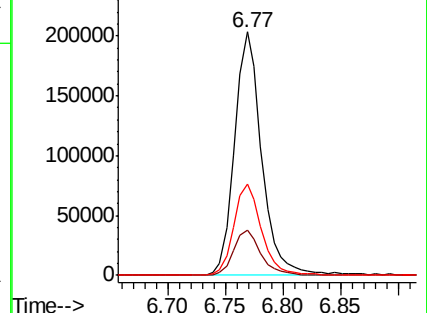
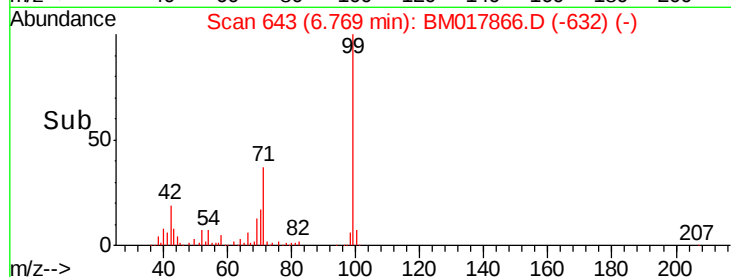
71 37.3 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1252

Delta R.T. -0.04 min

Lab File: BM017866.D

Acq: 01 Dec 2018 20:49

Tgt Ion: 136 Resp: 820612

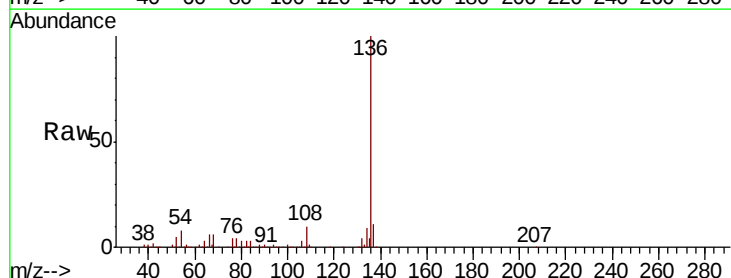
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 7.5 7.0 10.6

68 5.6 4.9 7.3

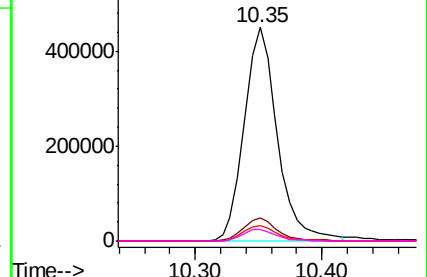
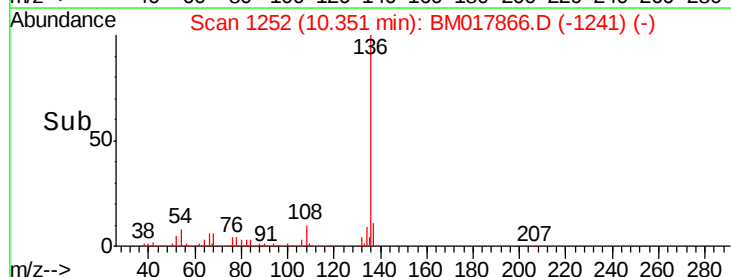


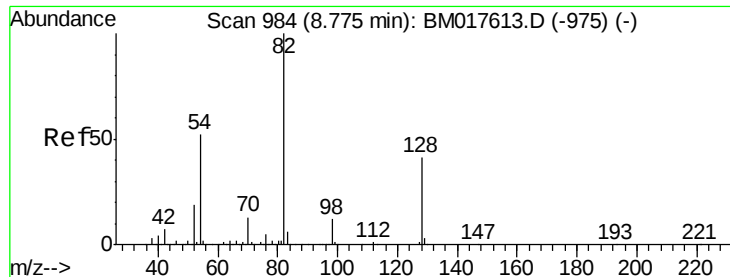
Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

Ion 137.00 (136.70 to 137.70): BM017613.D (-1250) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-1250) (-)

Ion 68.00 (67.70 to 68.70): BM017613.D (-1250) (-)

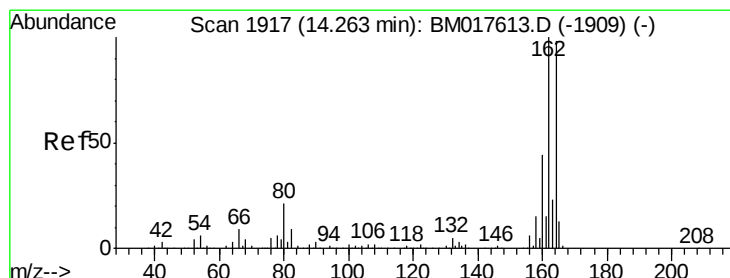
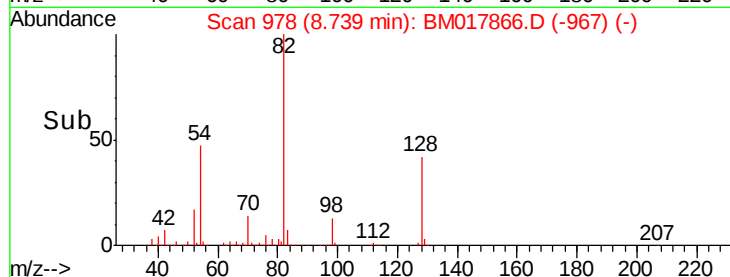
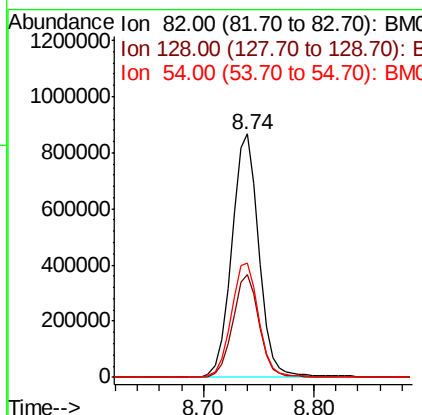
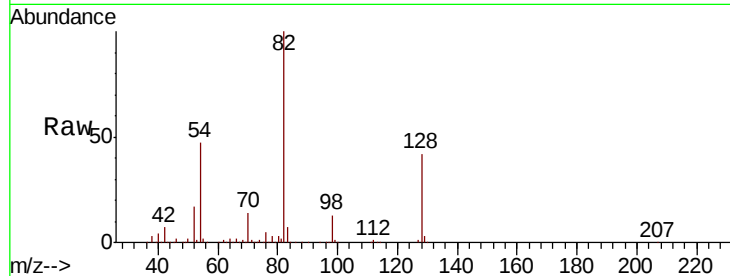




#23
Nitrobenzene-d5
Concen: 93.985 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.04 min
Lab File: BM017866.D
Acq: 01 Dec 2018 20:49

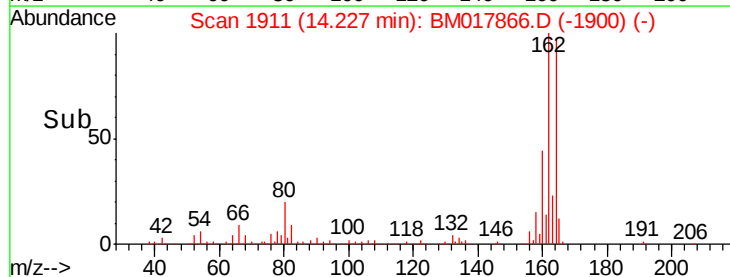
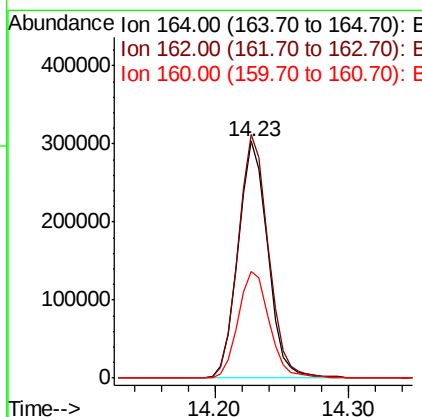
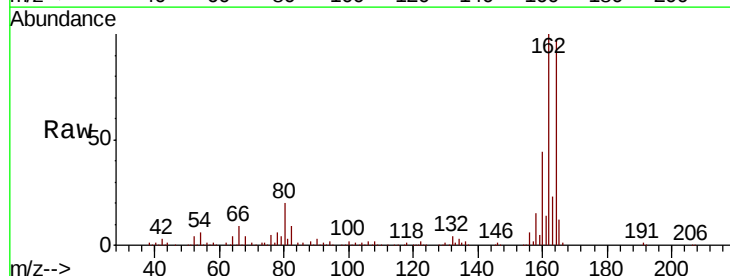
Instrument :
BNA_M
ClientSampleId :
112718-DBRI-E-U-S

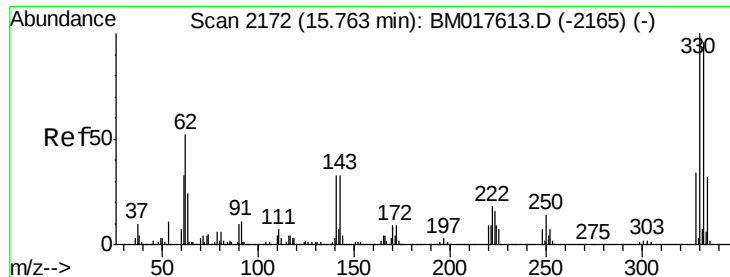
Tot Ion: 82 Resp: 1493939
Ion Ratio Lower Upper
82 100
128 42.4 33.0 49.4
54 47.2 41.4 62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017866.D
Acq: 01 Dec 2018 20:49

Tgt Ion:164 Resp: 467017
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 45.3 35.6 53.4

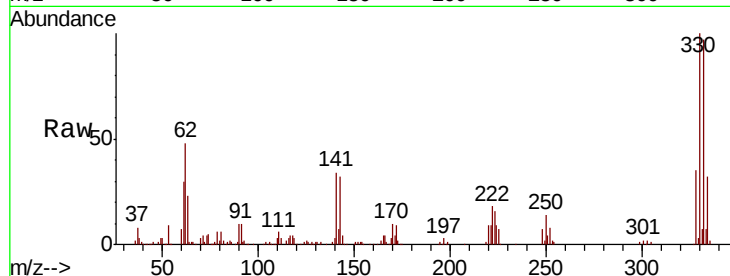




#42
 2,4,6-Tribromophenol
 Concen: 79.021 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM017866.D
 Acq: 01 Dec 2018 20:49

Instrument :
 BNA_M
 ClientSampleId :
 112718-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.9	116.9
141	36.1	27.5	41.3

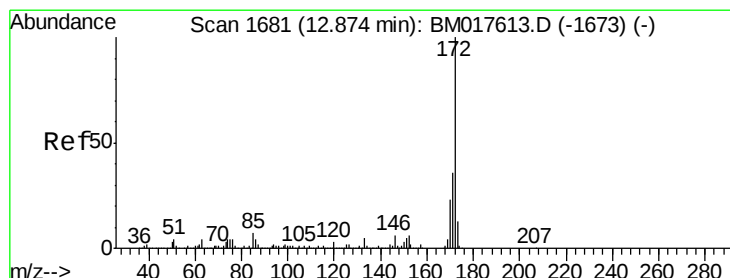
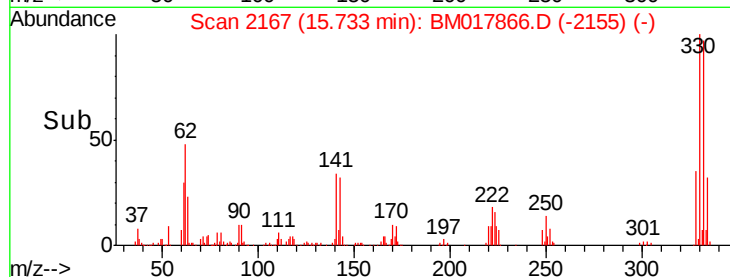
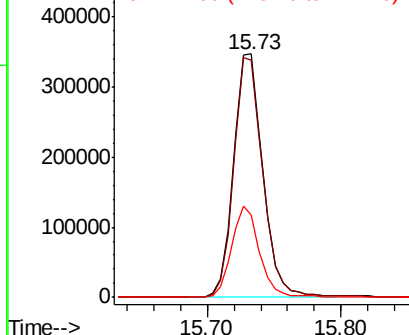


Abundance

Ion 329.80 (329.50 to 330.50): E

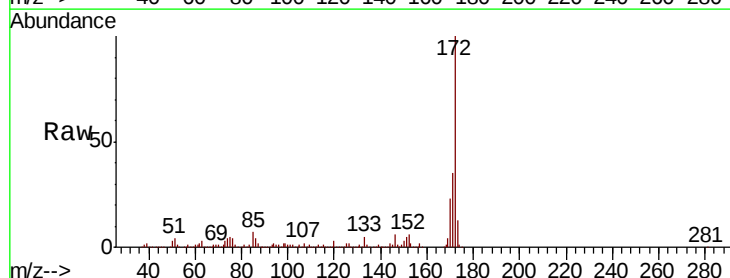
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.734 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.04 min
 Lab File: BM017866.D
 Acq: 01 Dec 2018 20:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	22.9	18.3	27.5

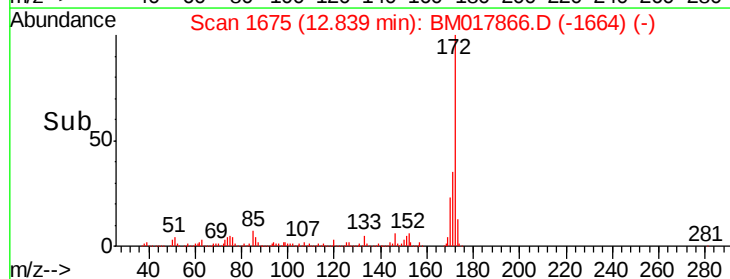
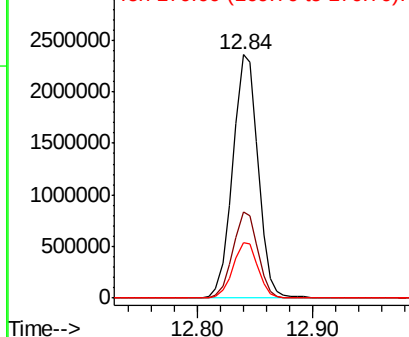


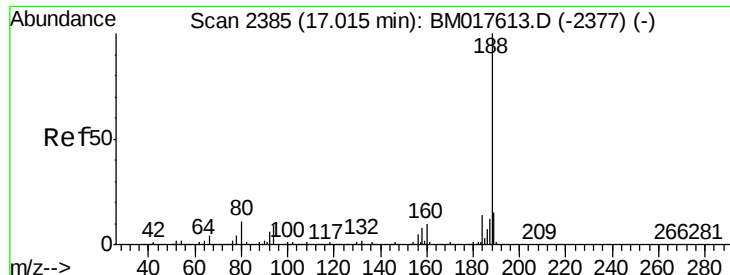
Abundance

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

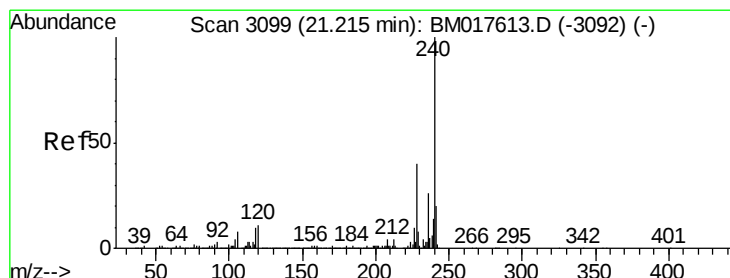
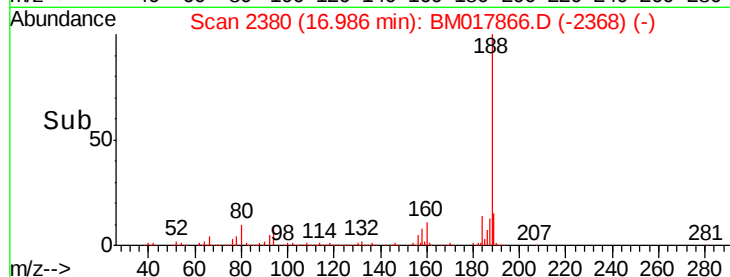
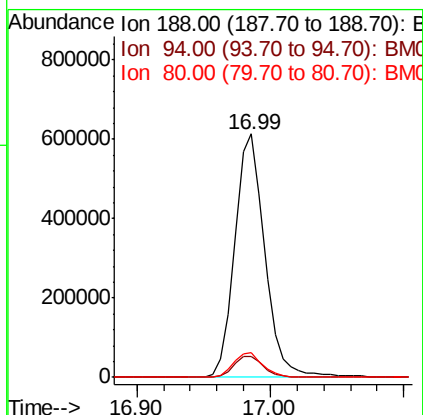
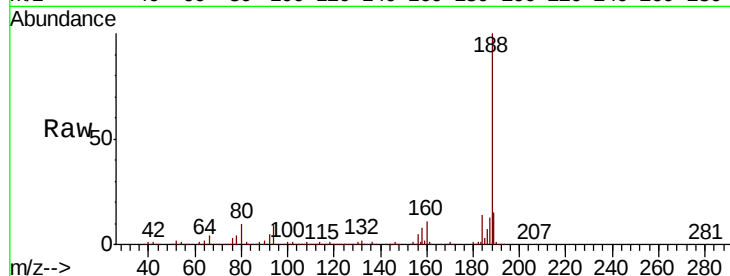




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017866.D
Acq: 01 Dec 2018 20:49

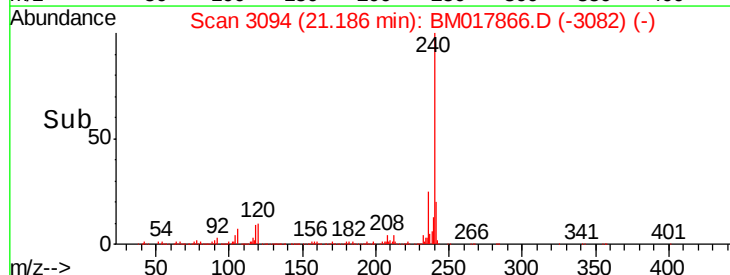
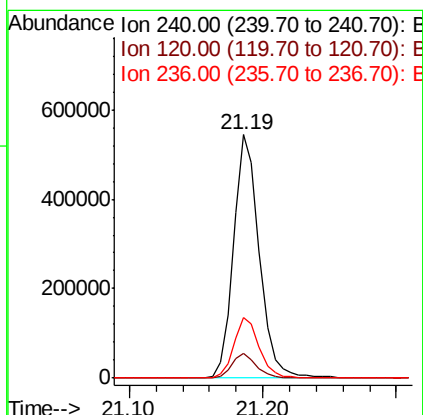
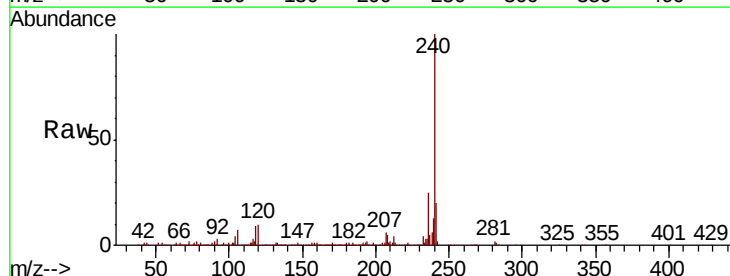
Instrument :
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112718-DBRI-E-U-S

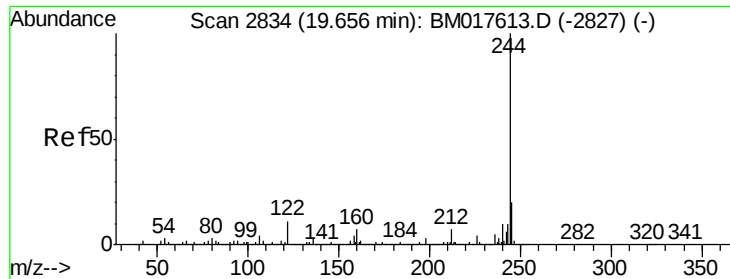
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	10.1	8.6	13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3094
Delta R.T. -0.03 min
Lab File: BM017866.D
Acq: 01 Dec 2018 20:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.5	12.7
236	25.0	20.4	30.6





#79

Terphenyl-d14

Concen: 117.892 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM017866.D

Acq: 01 Dec 2018 20:49

Instrument :

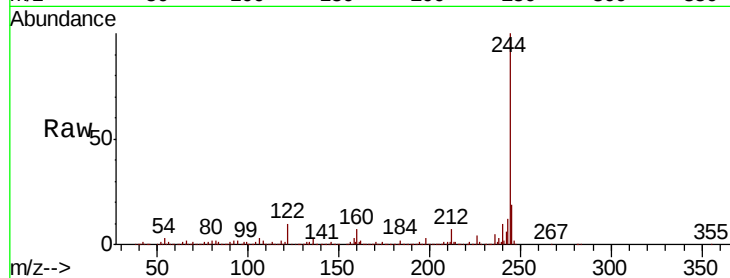
BNA_M

ClientSampleId :

112718-DBRI-E-U-S

Tot Ion:244 Resp: 3797268

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	9.5	9.0	13.6

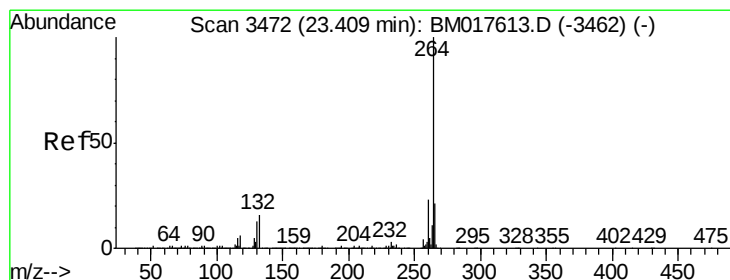
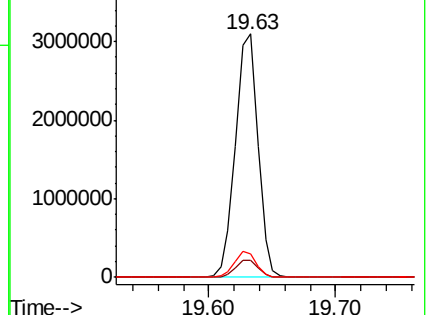
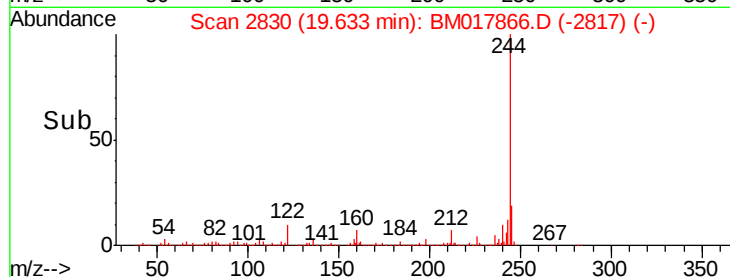


Abundance

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: 23.37 min Scan# 3465

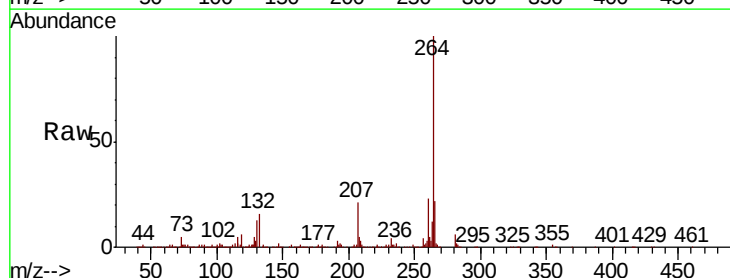
Delta R.T. -0.04 min

Lab File: BM017866.D

Acq: 01 Dec 2018 20:49

Tgt Ion:264 Resp: 697556

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	22.3	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

