

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110818\
 Data File : BM017554.D
 Acq On : 07 Nov 2018 11:36
 Operator : MJ/SJ
 Sample : J5805-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(16-20)

Quant Time: Nov 07 13:43:42 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	7.62	152	260840	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	976345	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	565289	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1454063	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1723437	20.00	ng	-0.02
87) Perylene-d12	23.42	264	1730299	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1694257	109.86	ng	-0.01
7) Phenol-d6	6.82	99	1942126	92.46	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1599091	95.79	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	1166841	152.63	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	3688718	86.82	ng	-0.02
79) Terphenyl-d14	19.66	244	7062228	92.36	ng	-0.02

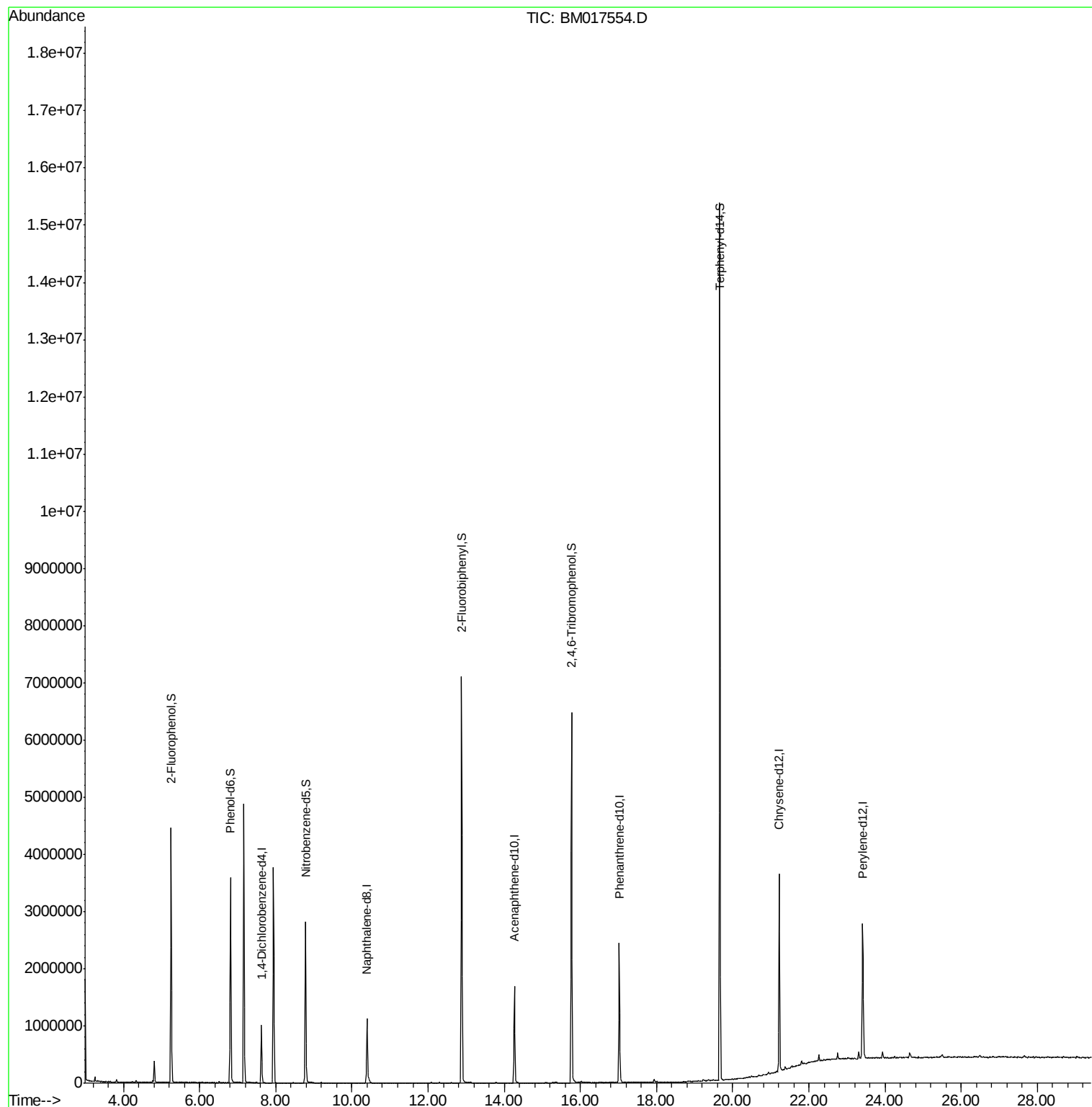
Target Compounds Qvalue

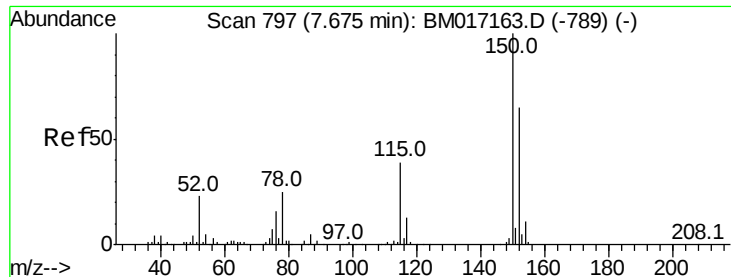
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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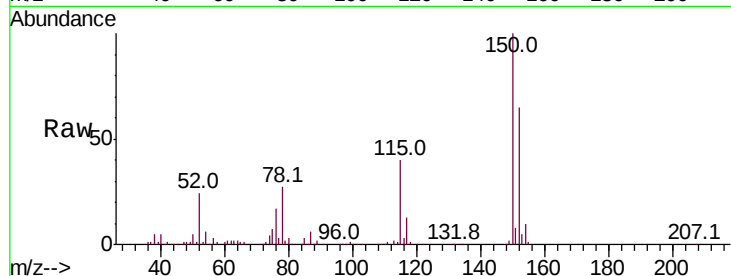


#1

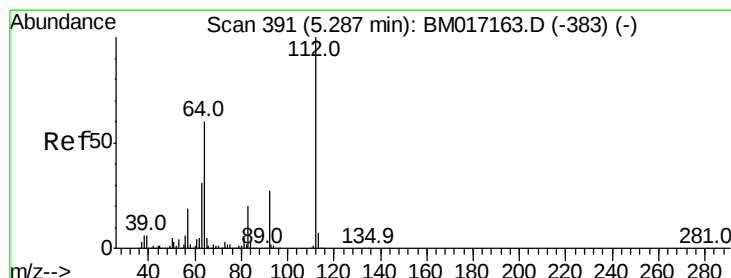
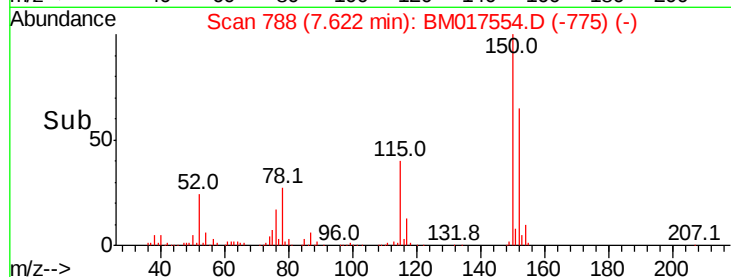
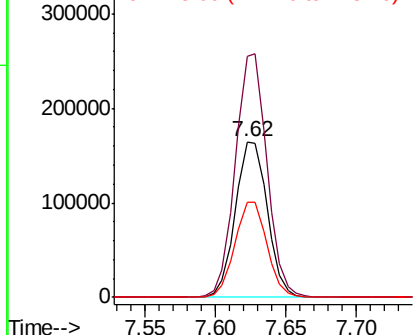
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM017554.D
Acq: 07 Nov 2018 11:36

Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(16-20)

Tot Ion:152 Resp: 260840
Ion Ratio Lower Upper
152 100
150 154.4 124.3 186.5
115 61.2 48.1 72.1



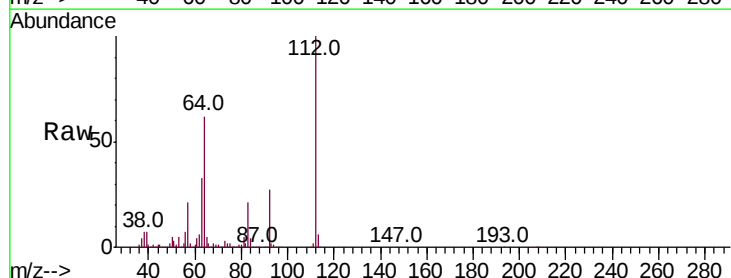
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



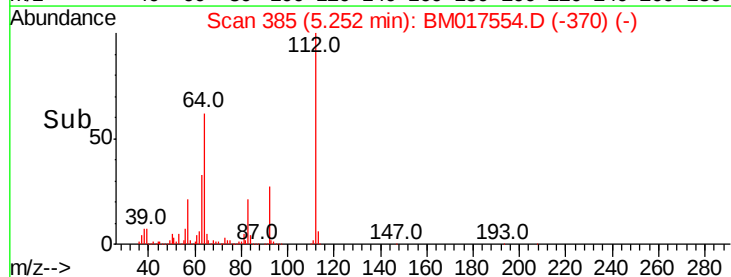
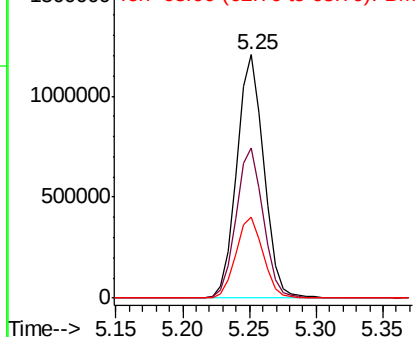
#5

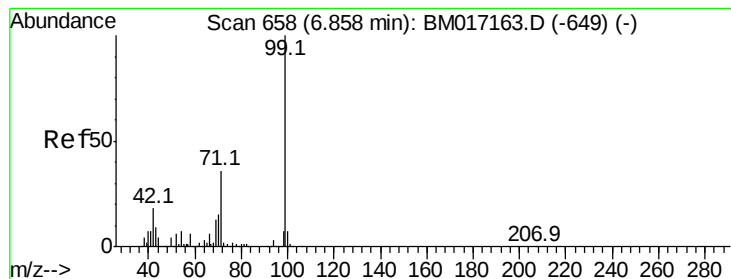
2-Fluorophenol
Concen: 109.859 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017554.D
Acq: 07 Nov 2018 11:36

Tgt Ion:112 Resp: 1694257
Ion Ratio Lower Upper
112 100
64 61.6 41.7 62.5
63 33.5 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: 92.464 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017554.D

Acq: 07 Nov 2018 11:36

Instrument :

BNA_M

ClientSampleId :

COMP-SAMPLES(16-20)

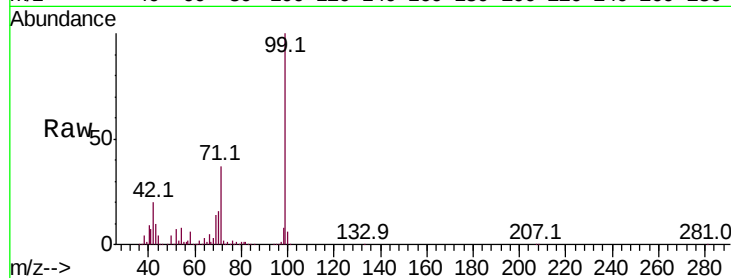
Tot Ion: 99 Resp: 1942126

Ion Ratio Lower Upper

99 100

42 19.6 13.3 19.9

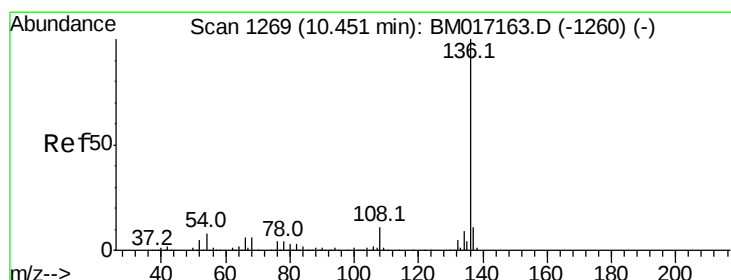
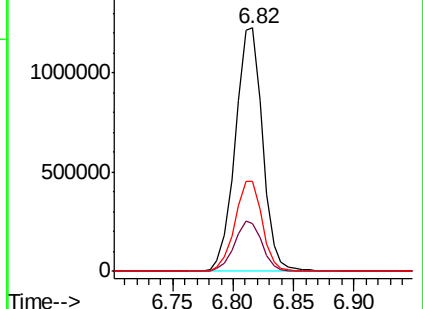
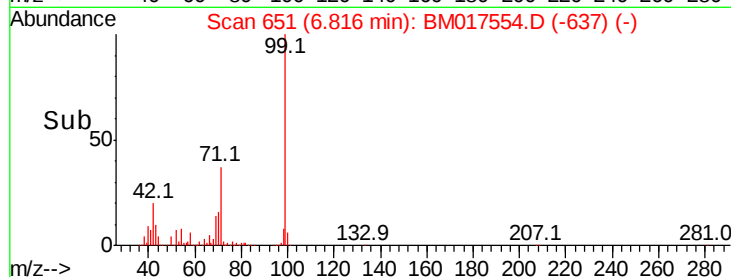
71 36.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BM017554.D

Acq: 07 Nov 2018 11:36

Tgt Ion: 136 Resp: 976345

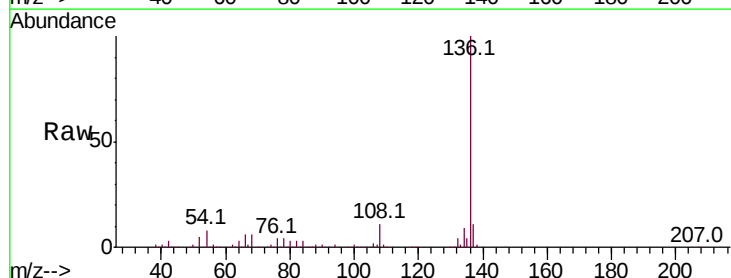
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 8.5 6.7 10.1

68 5.7 4.7 7.1

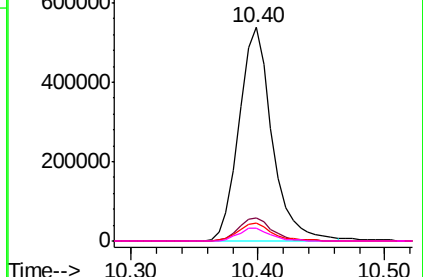
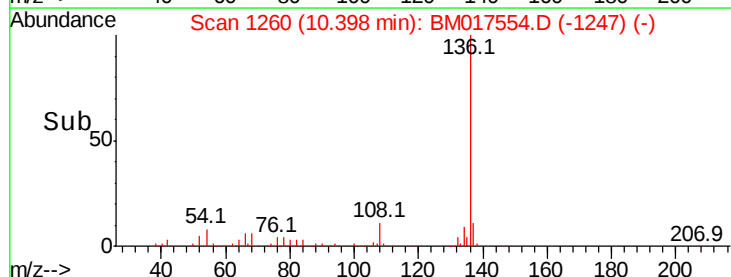


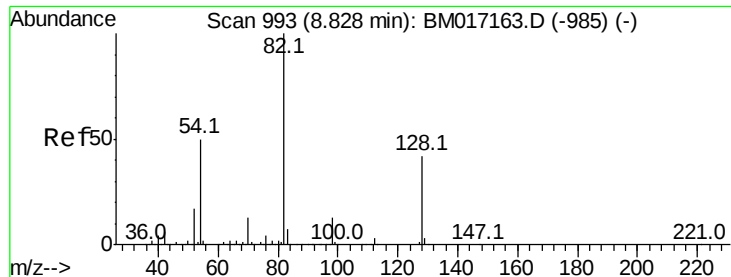
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1260) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1260) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1260) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1260) (-)



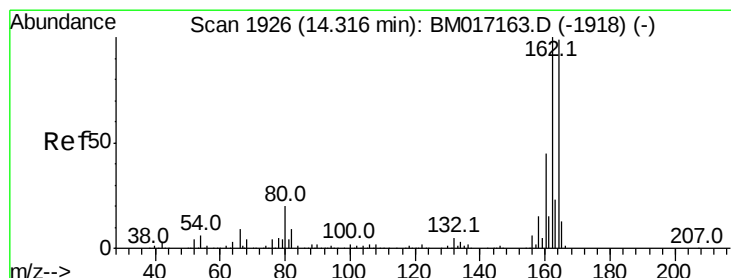
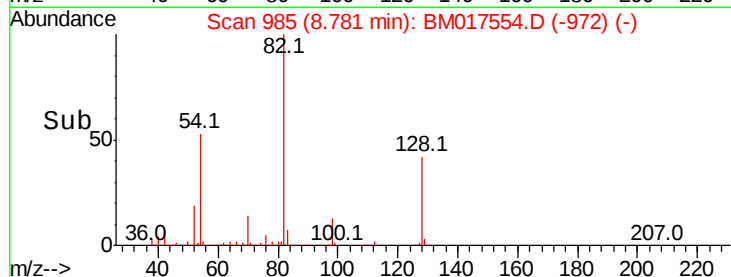
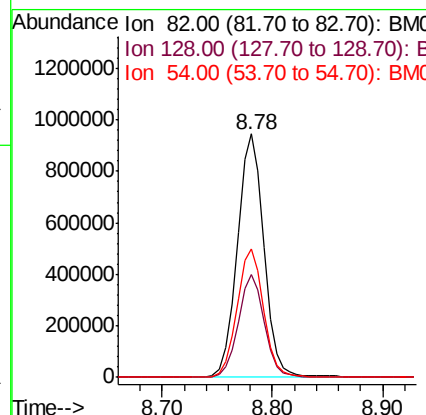
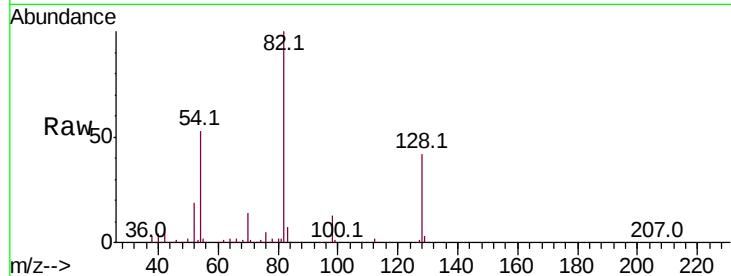


#23
 Nitrobenzene-d5
 Concen: 95.790 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BM017554.D
 Acq: 07 Nov 2018 11:36

Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(16-20)

Tot Ion: 82 Resp: 1599091

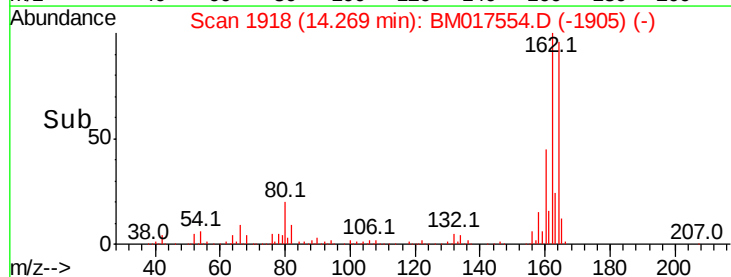
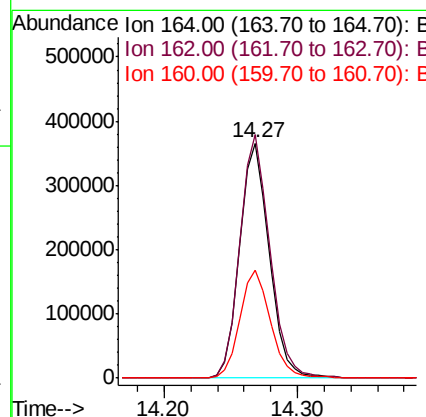
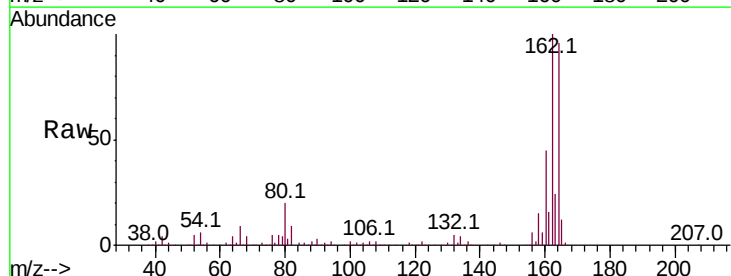
Ion	Ratio	Lower	Upper
82	100		
128	42.0	37.0	55.6
54	52.5	40.7	61.1

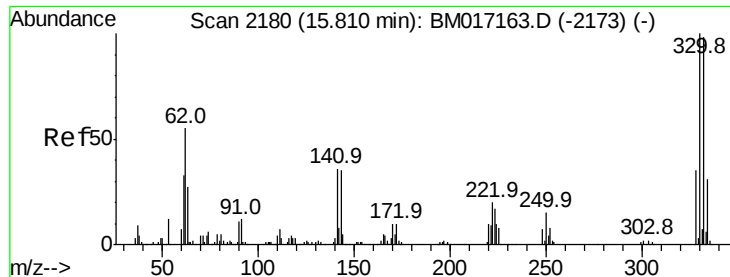


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.27 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BM017554.D
 Acq: 07 Nov 2018 11:36

Tgt Ion:164 Resp: 565289

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.1	123.1
160	46.2	40.2	60.2

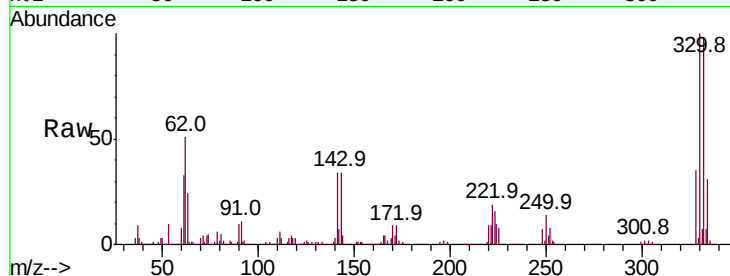




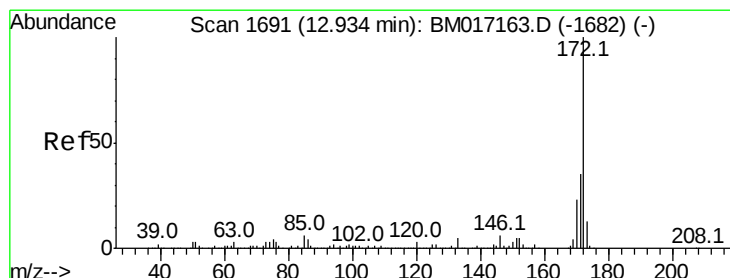
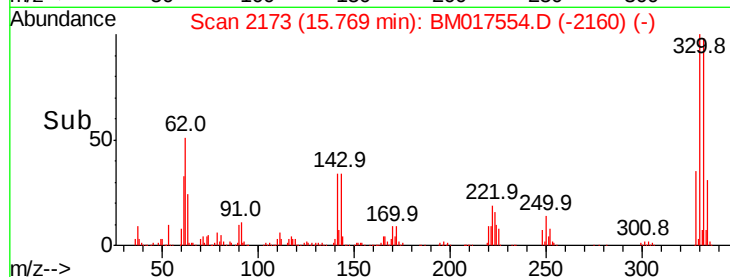
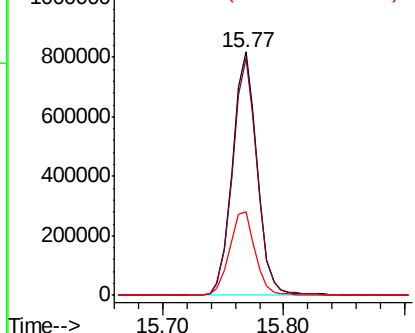
#42
 2,4,6-Tribromophenol
 Concen: 152.634 ng
 RT: 15.77 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM017554.D
 Acq: 07 Nov 2018 11:36

Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(16-20)

Tot Ion:330 Resp: 1166841
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 35.7 27.4 41.0

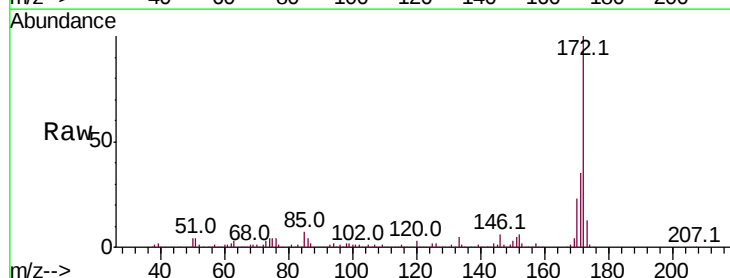


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

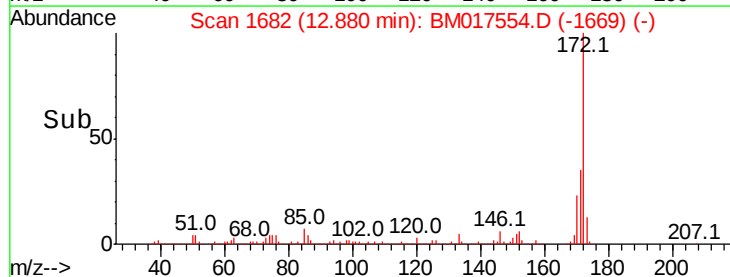
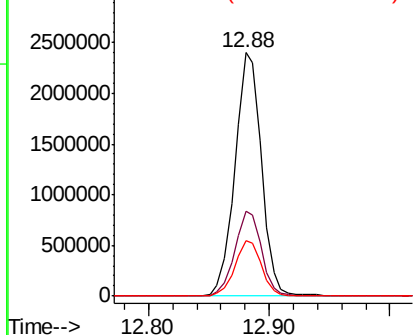


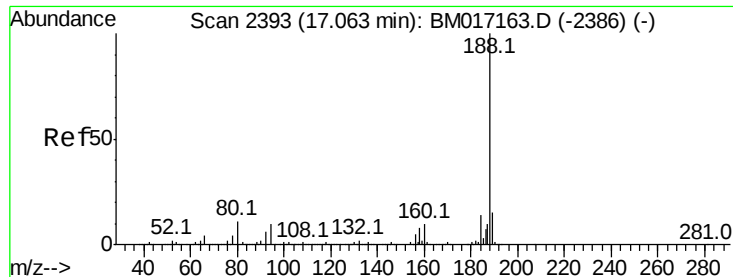
#45
 2-Fluorobiphenyl
 Concen: 86.823 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BM017554.D
 Acq: 07 Nov 2018 11:36

Tgt Ion:172 Resp: 3688718
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 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

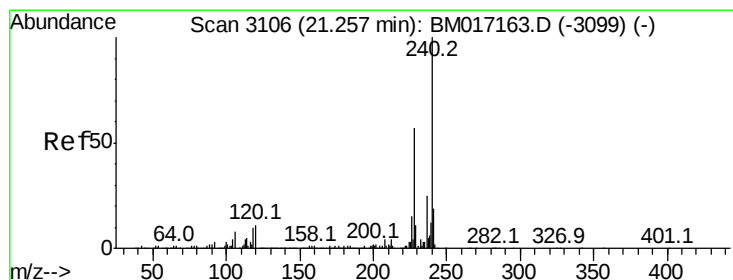
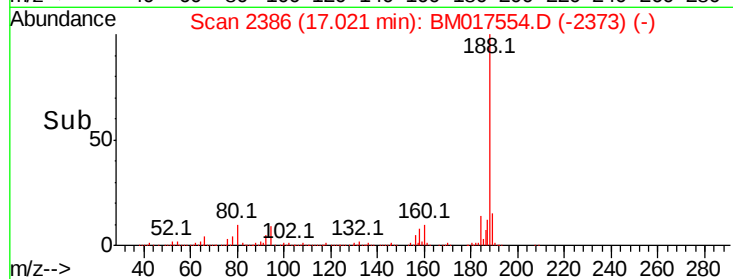
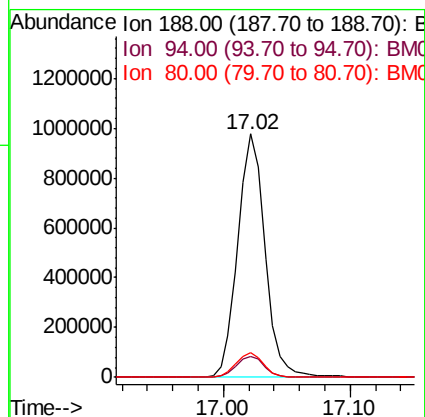
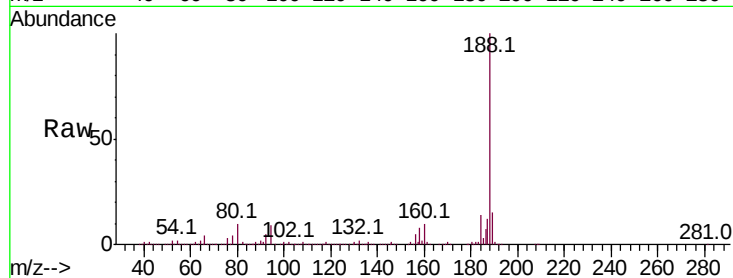




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM017554.D
Acq: 07 Nov 2018 11:36

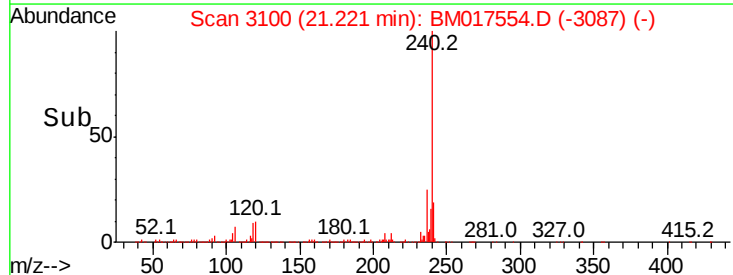
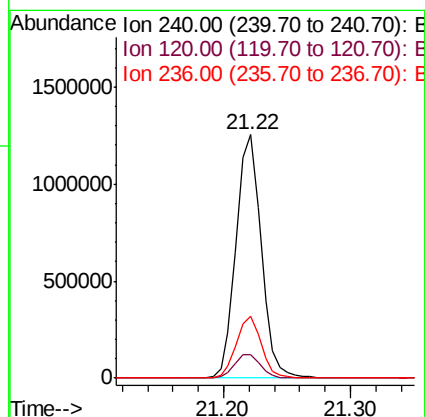
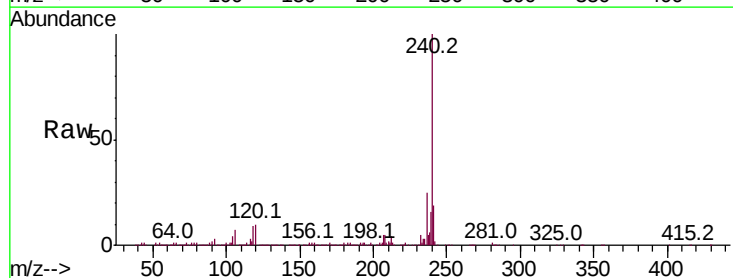
Instrument :
BNA_M
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COMP-SAMPLES(16-20)

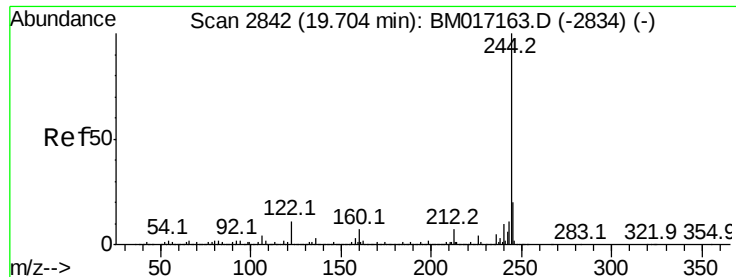
Tot Ion:188 Resp: 1454063
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 10.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM017554.D
Acq: 07 Nov 2018 11:36

Tgt Ion:240 Resp: 1723437
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 25.3 19.9 29.9





#79

Terphenyl-d14

Concen: 92.364 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017554.D

Acq: 07 Nov 2018 11:36

Instrument :

BNA_M

ClientSampleId :

COMP-SAMPLES(16-20)

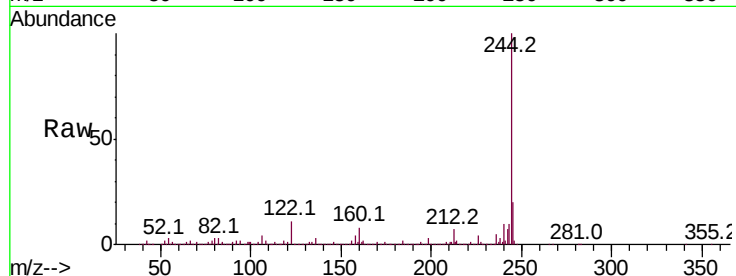
Tot Ion:244 Resp: 7062228

Ion Ratio Lower Upper

244 100

212 7.5 5.5 8.3

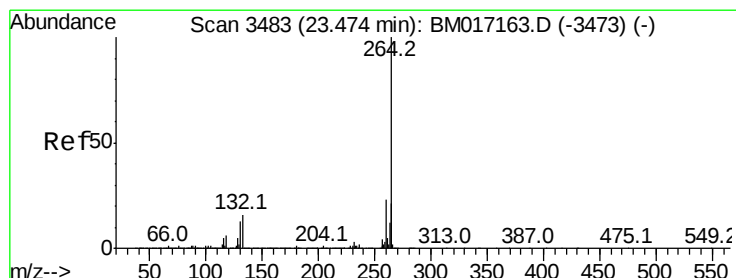
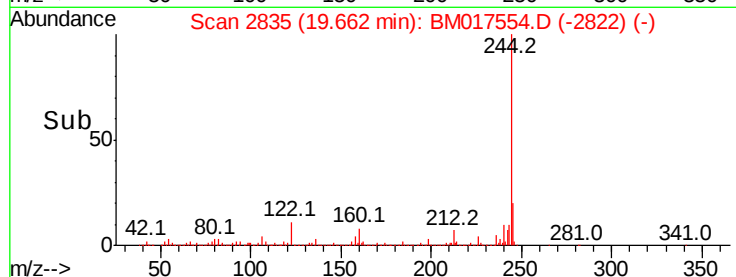
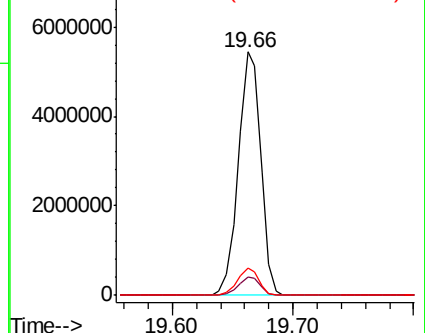
122 11.0 8.4 12.6



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# 3473

Delta R.T. -0.04 min

Lab File: BM017554.D

Acq: 07 Nov 2018 11:36

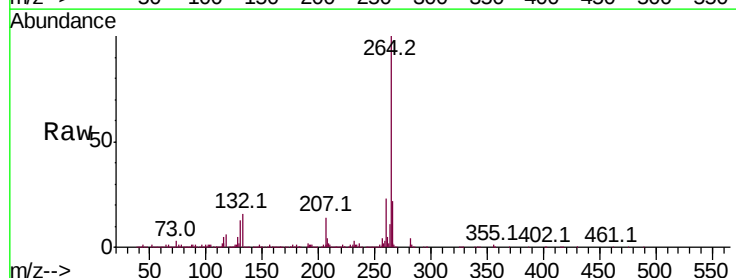
Tgt Ion:264 Resp: 1730299

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 22.3 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

